

FIG. 1

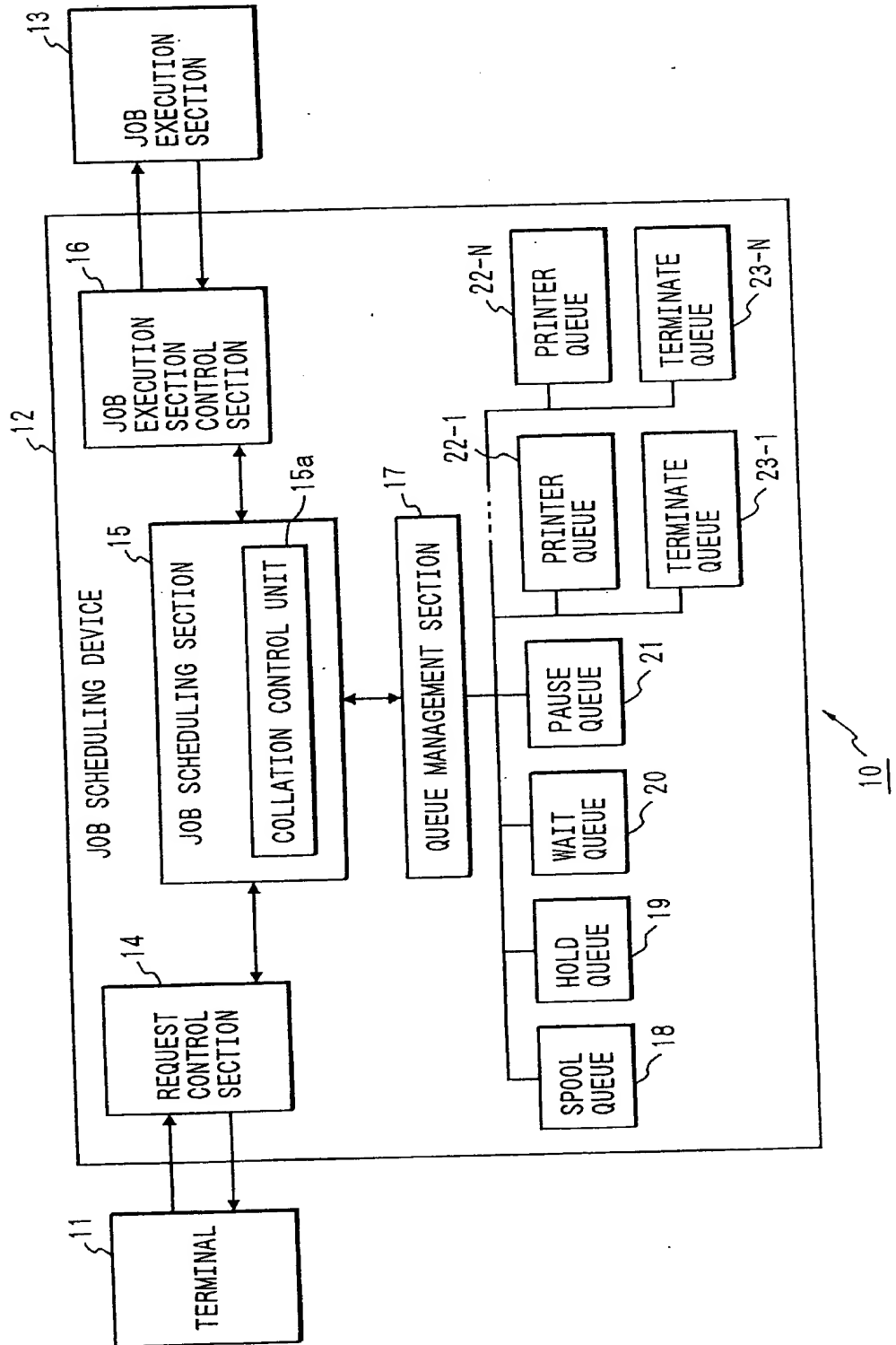


FIG. 2

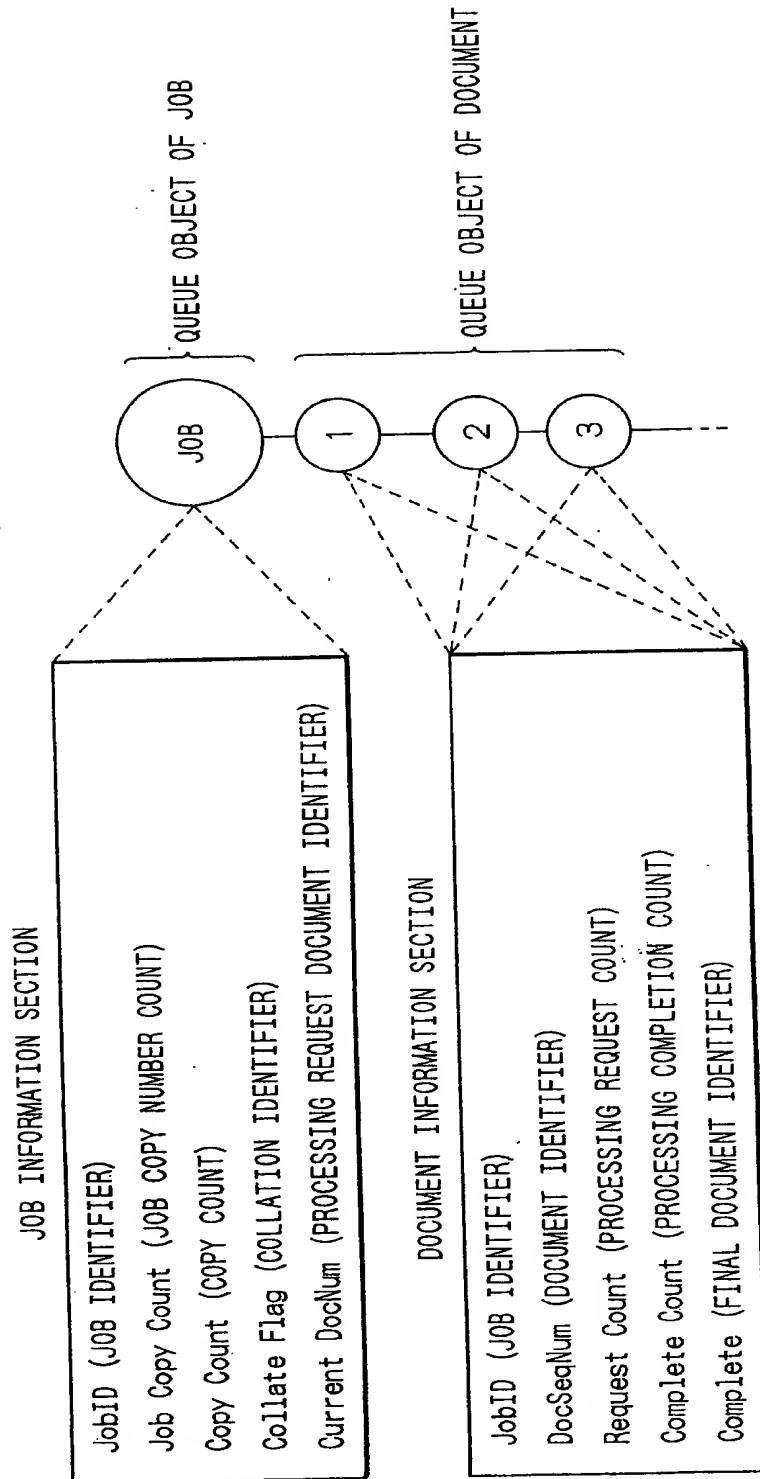


FIG. 3

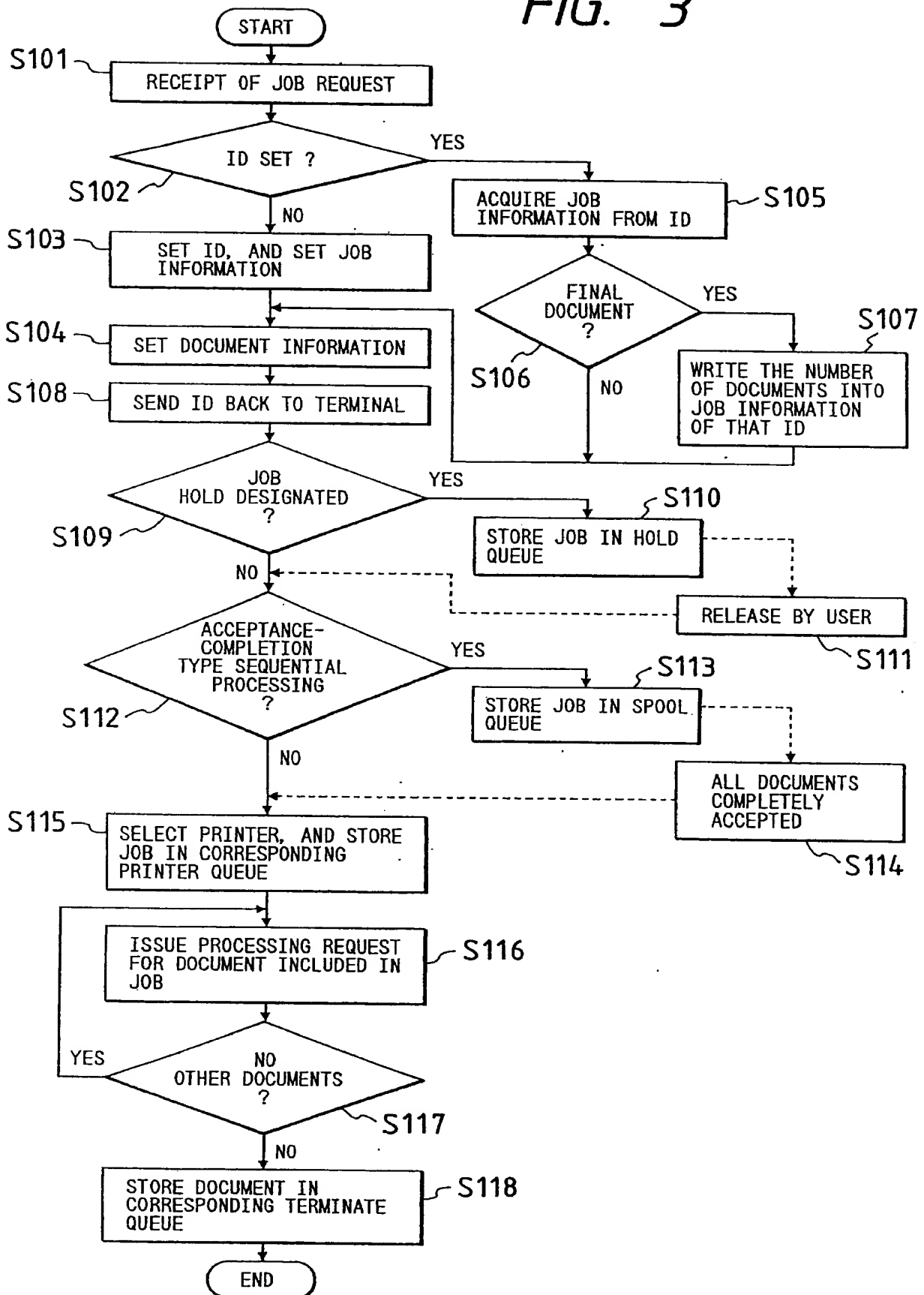


FIG. 4

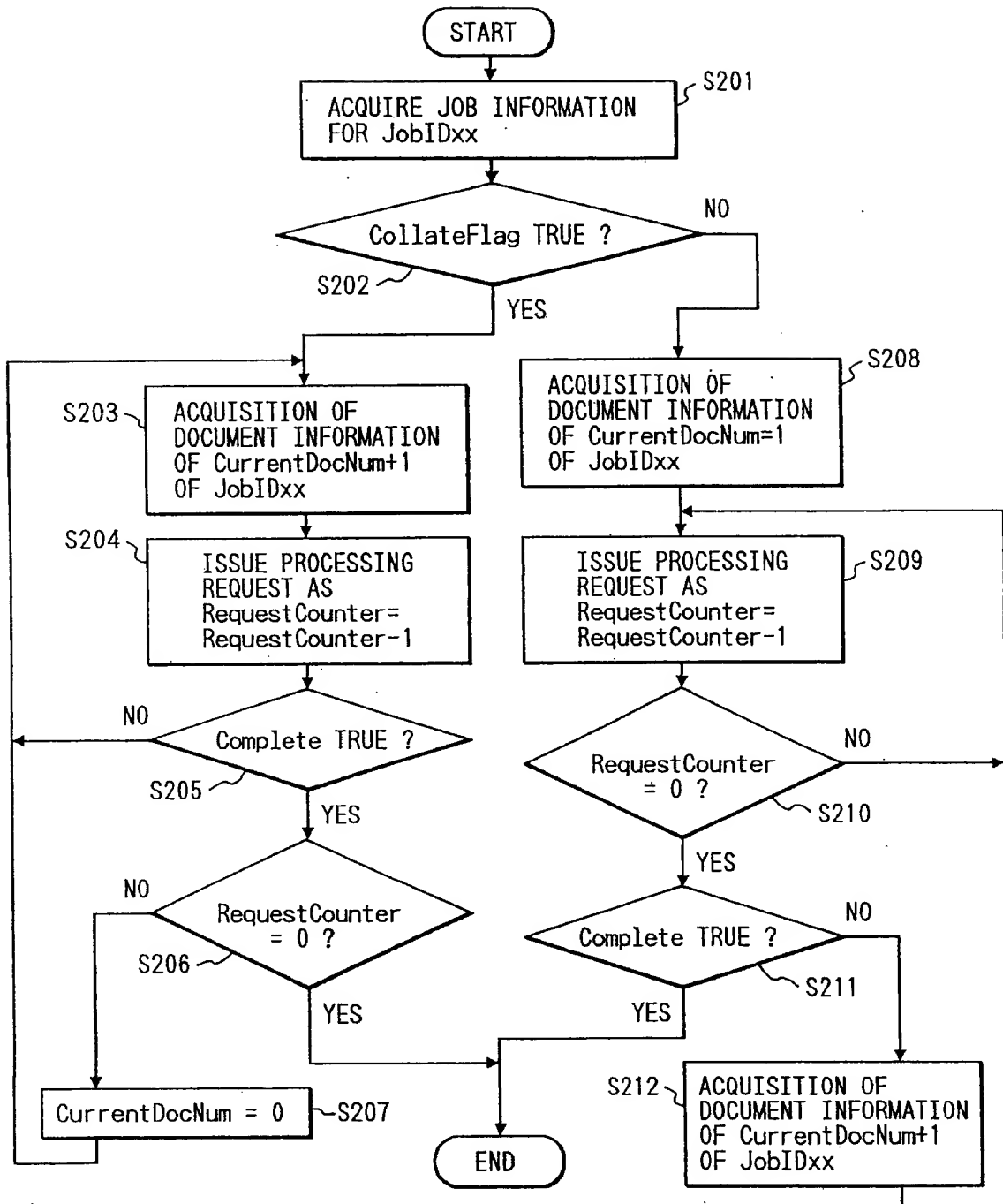
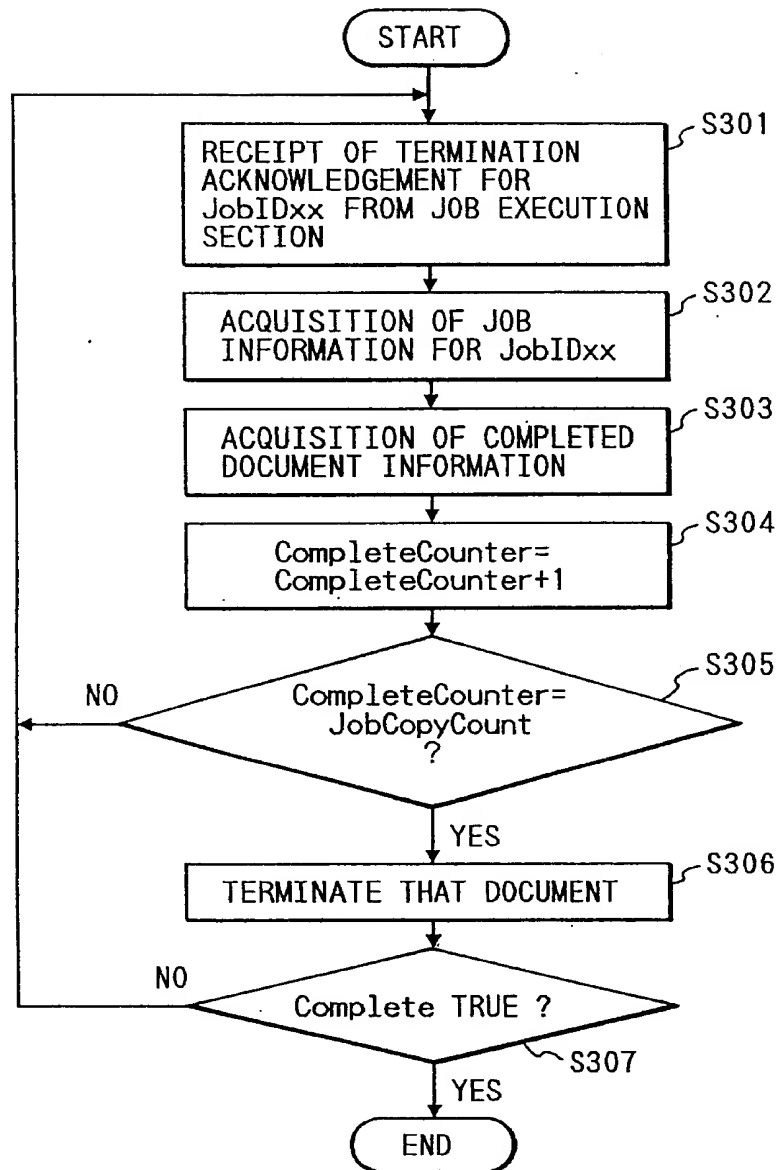


FIG. 5



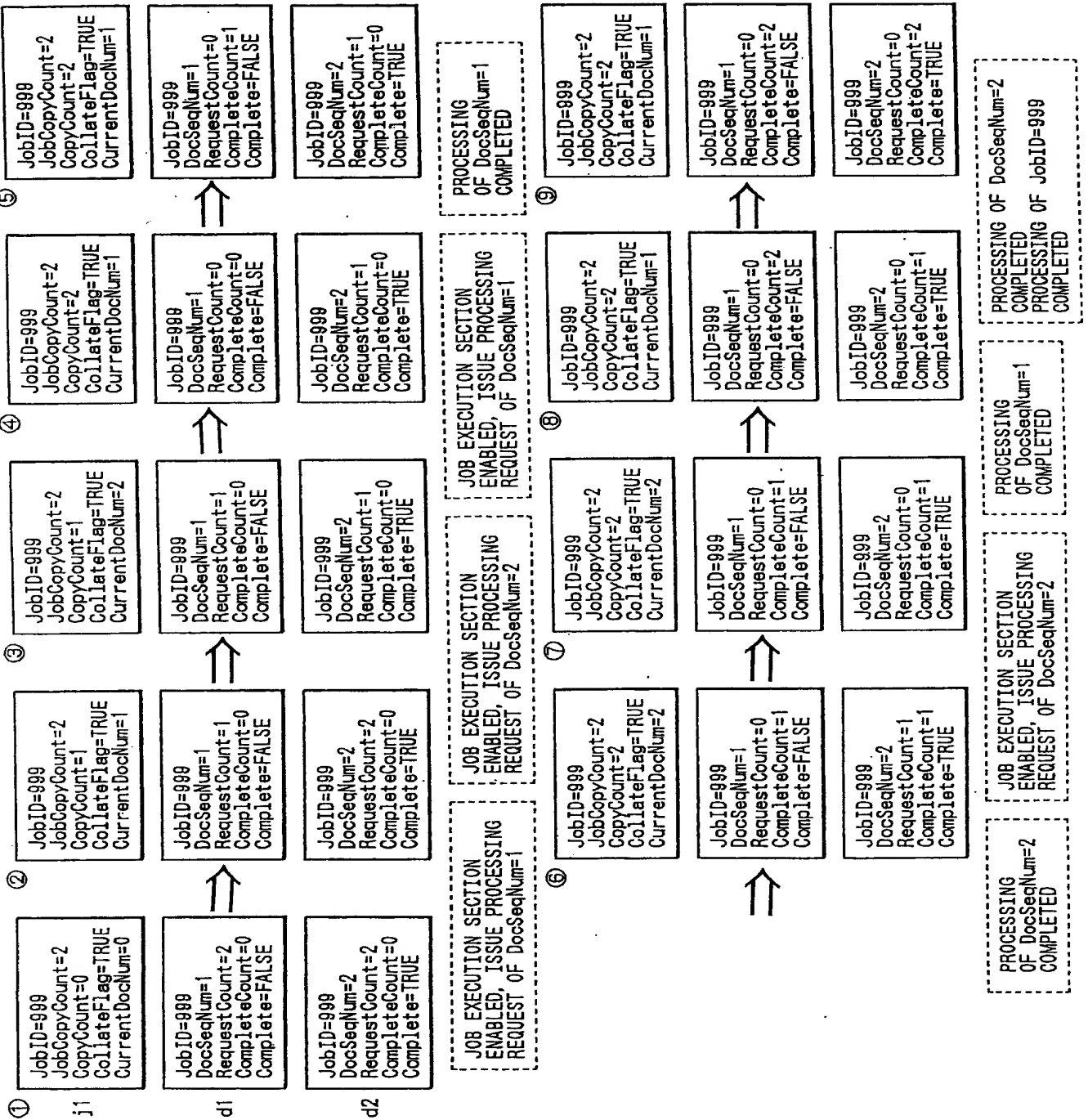


FIG. 7

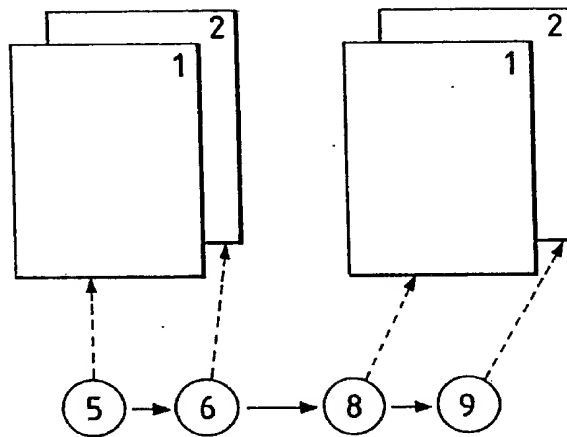
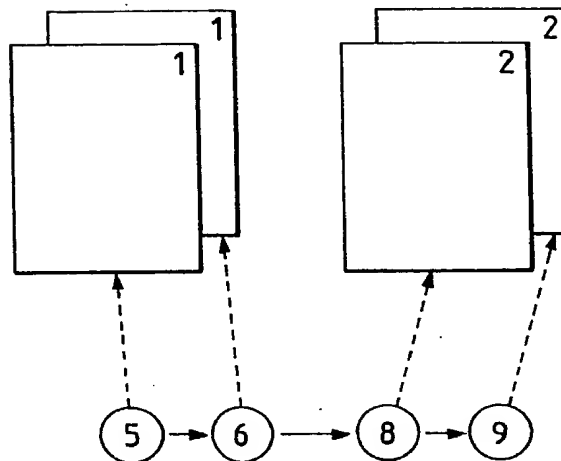


FIG. 9



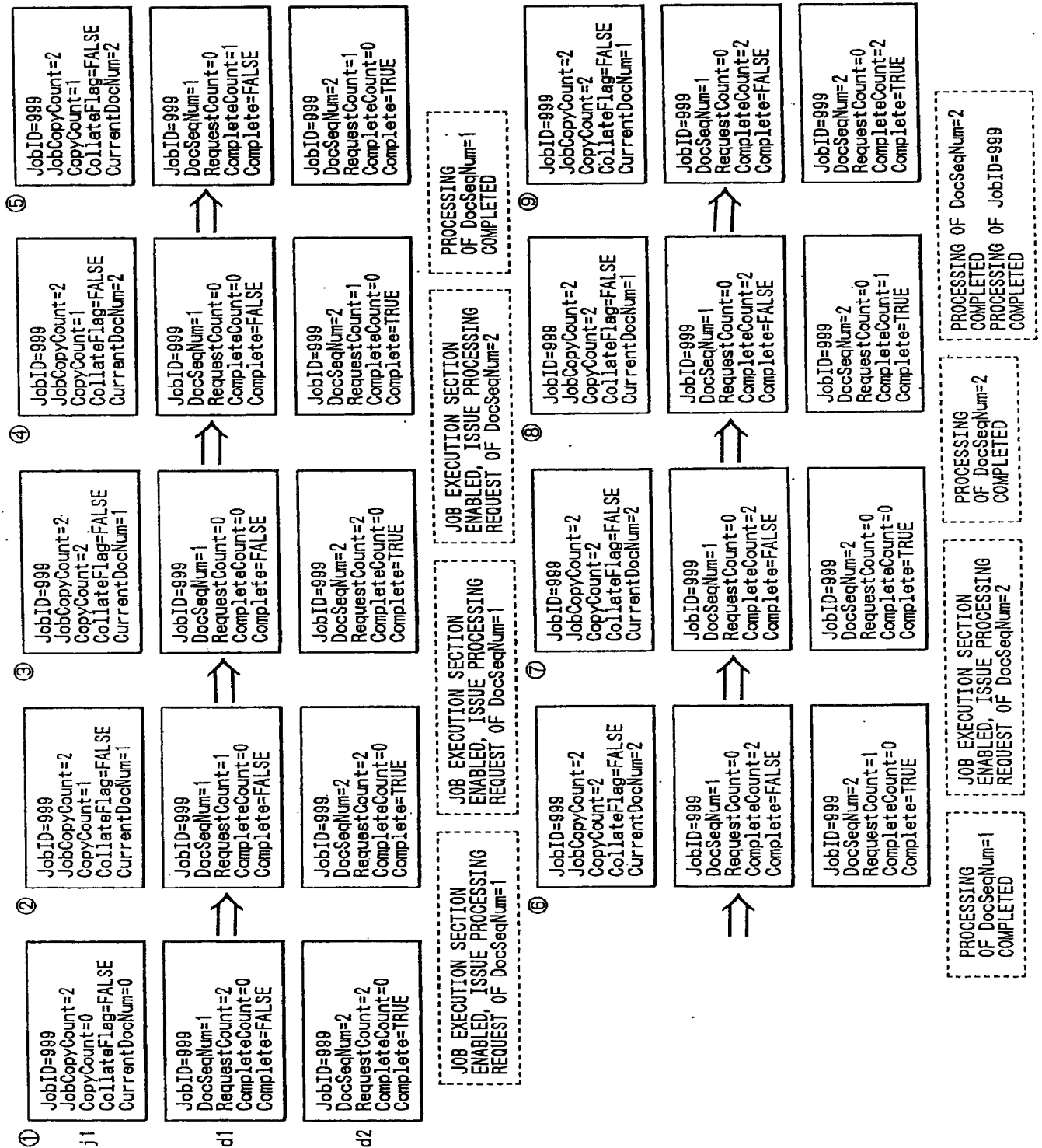


FIG. 10

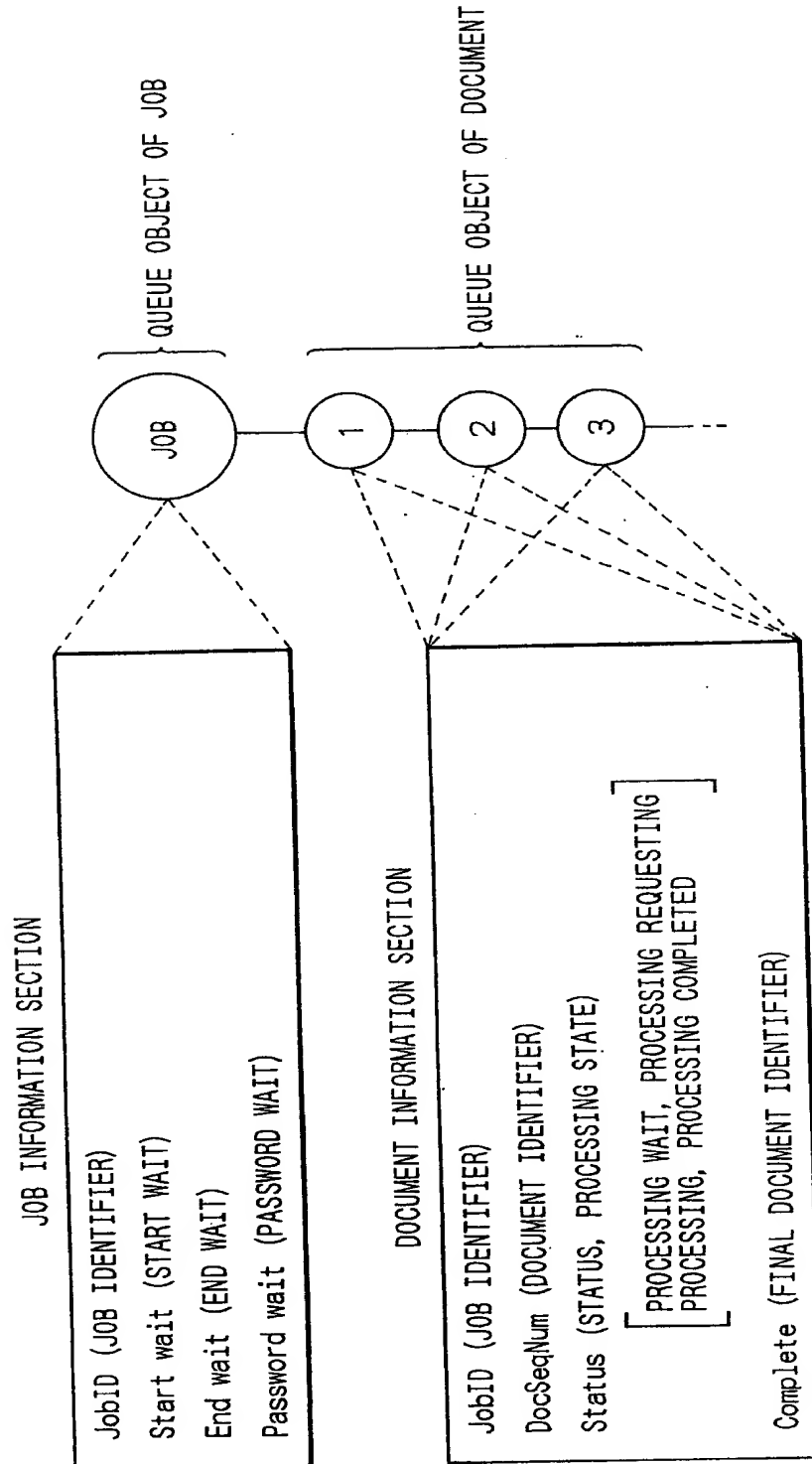


FIG. 11

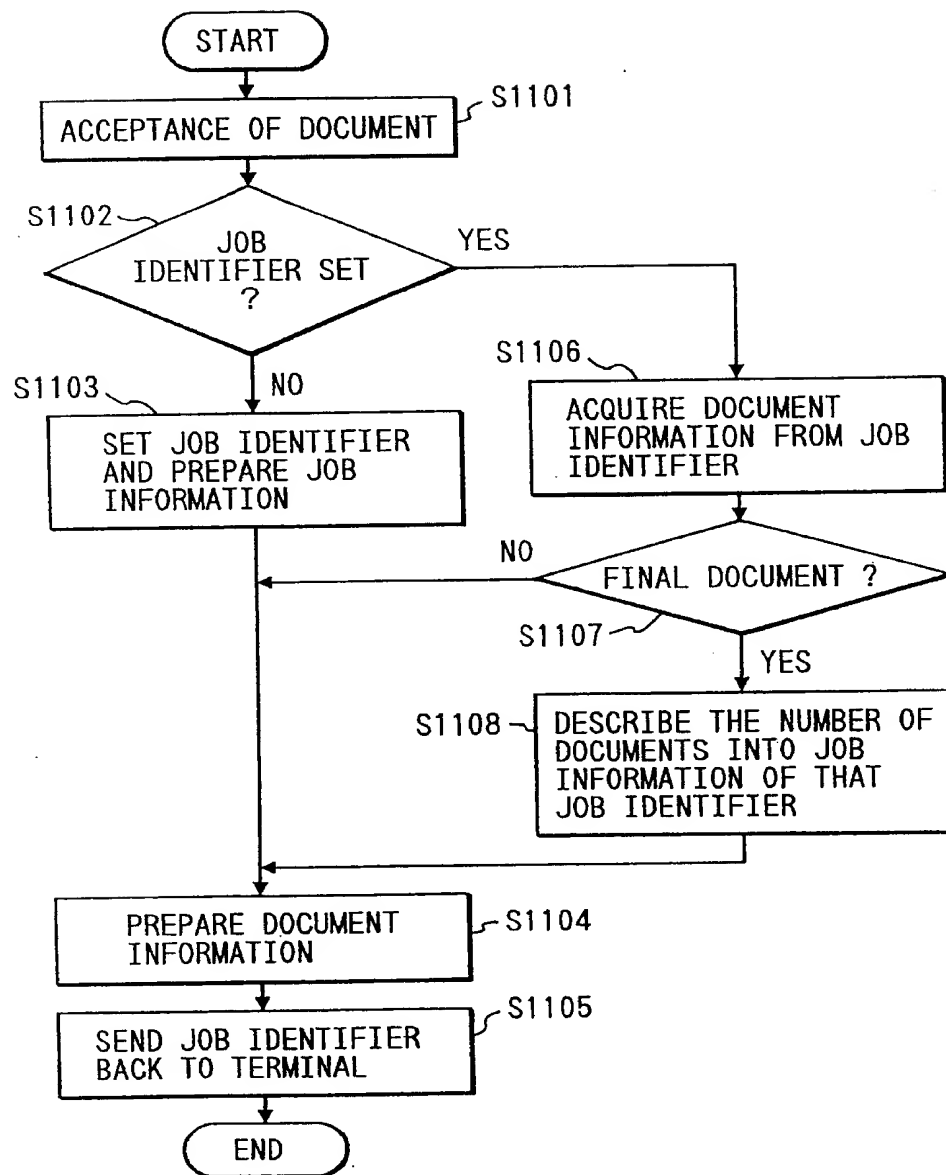


FIG. 12

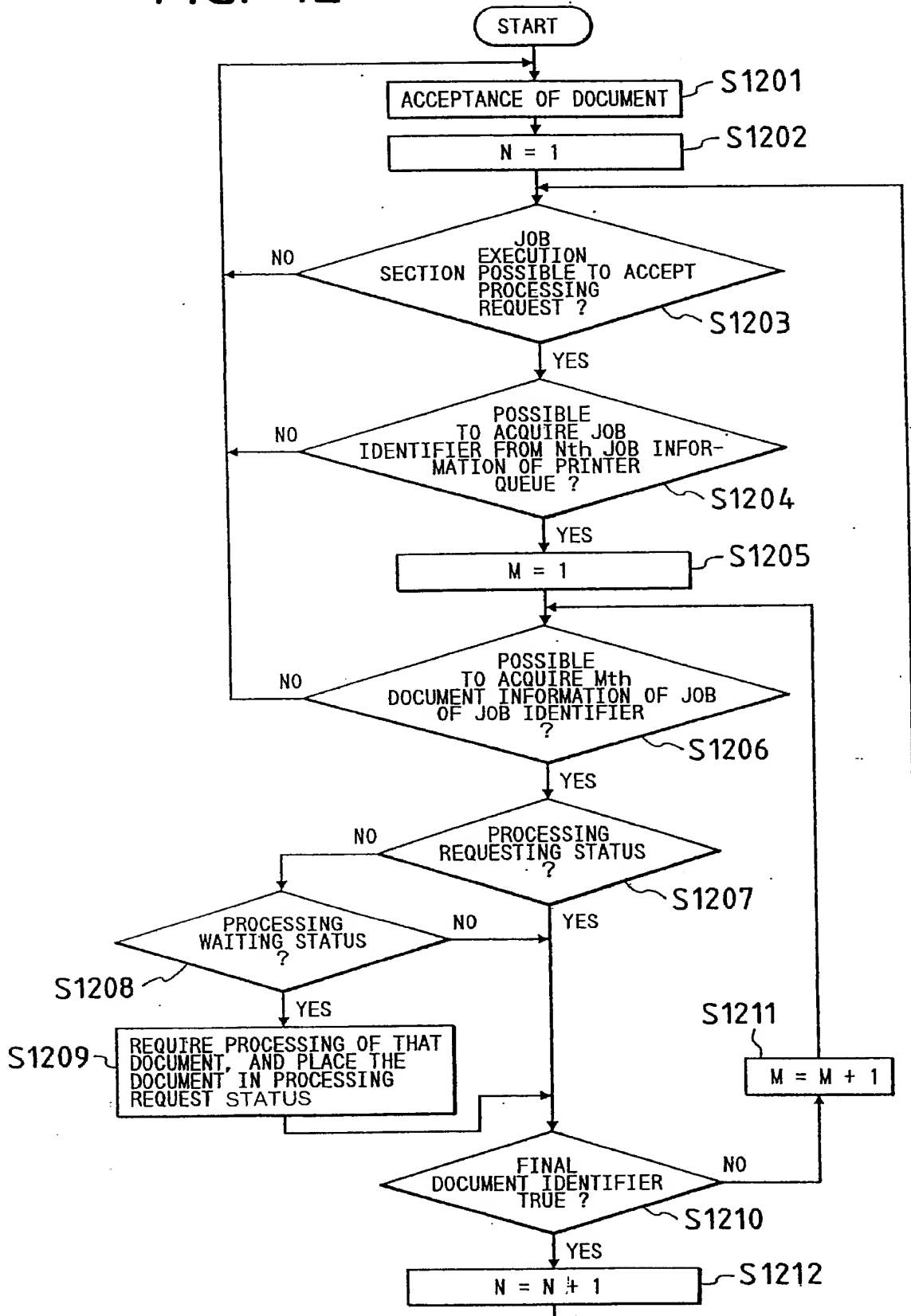


FIG. 13

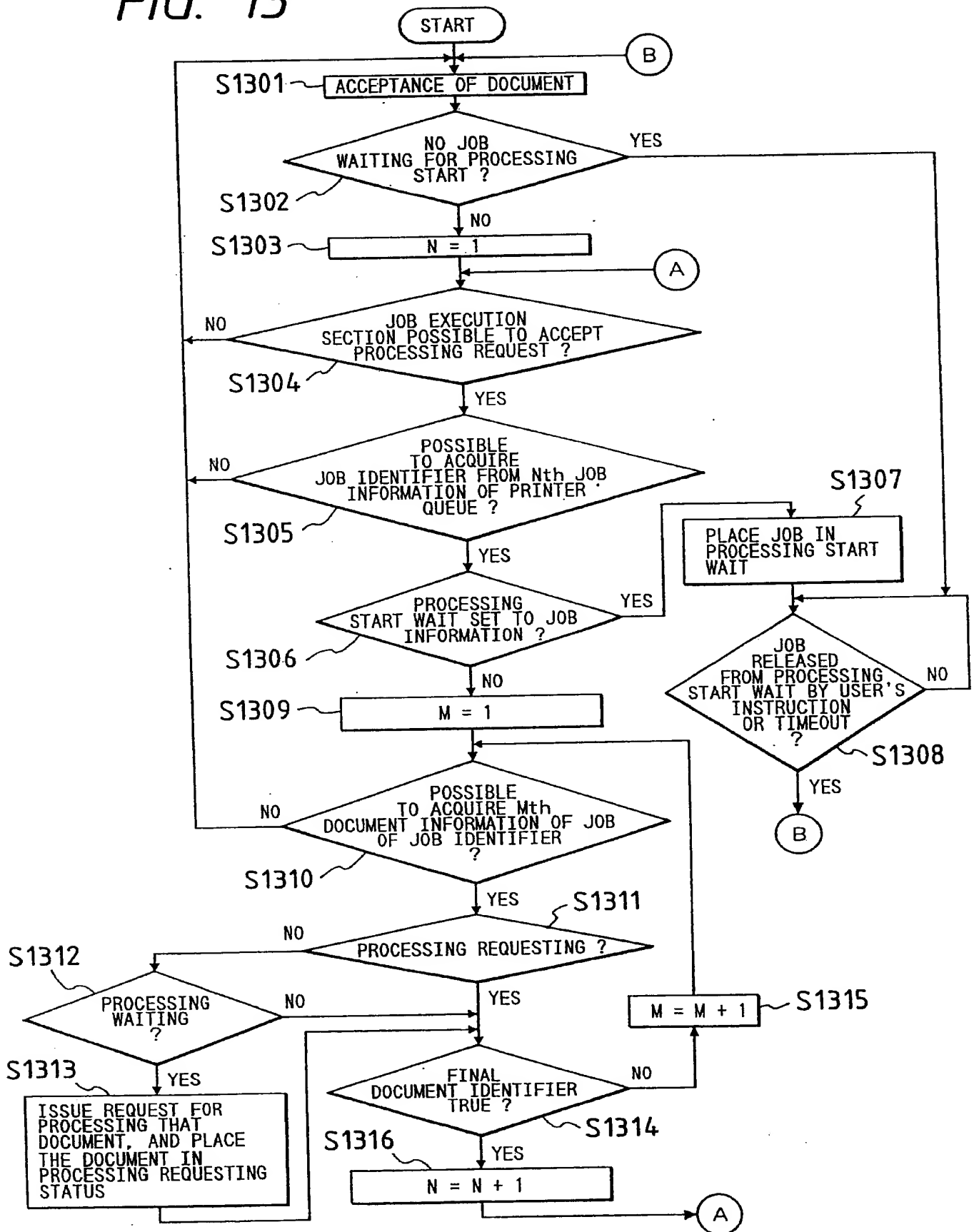


FIG. 14

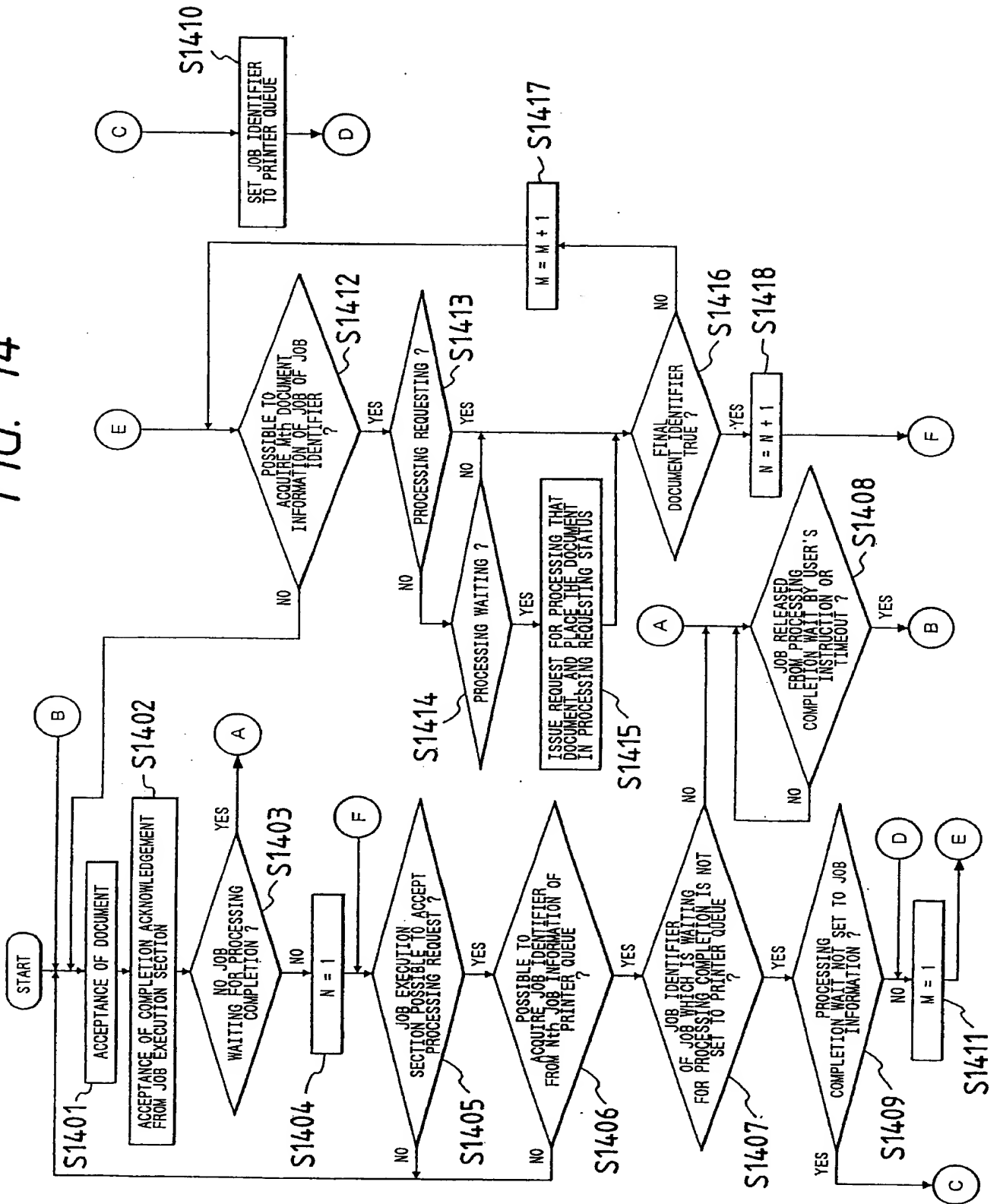


FIG. 15

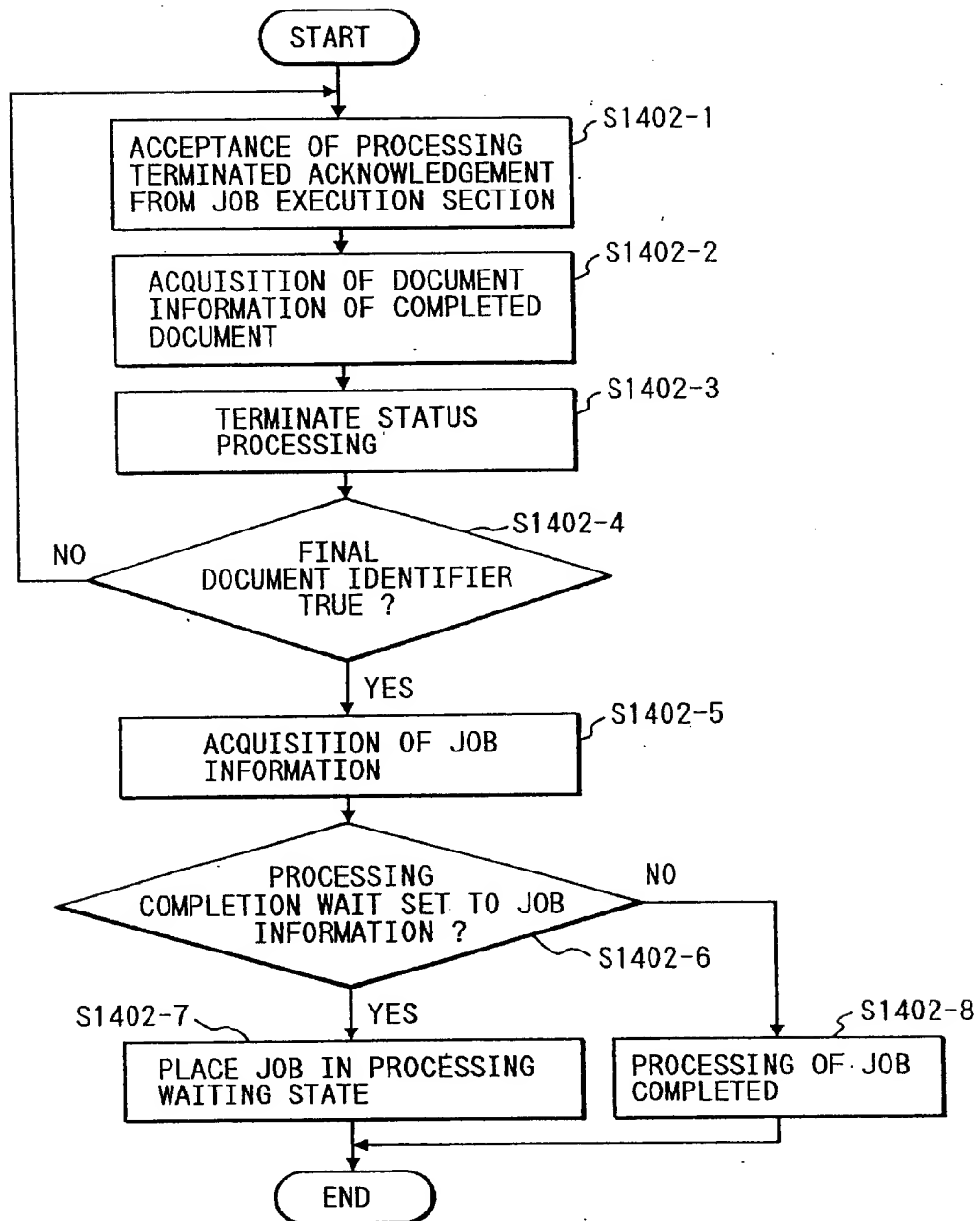


FIG. 16

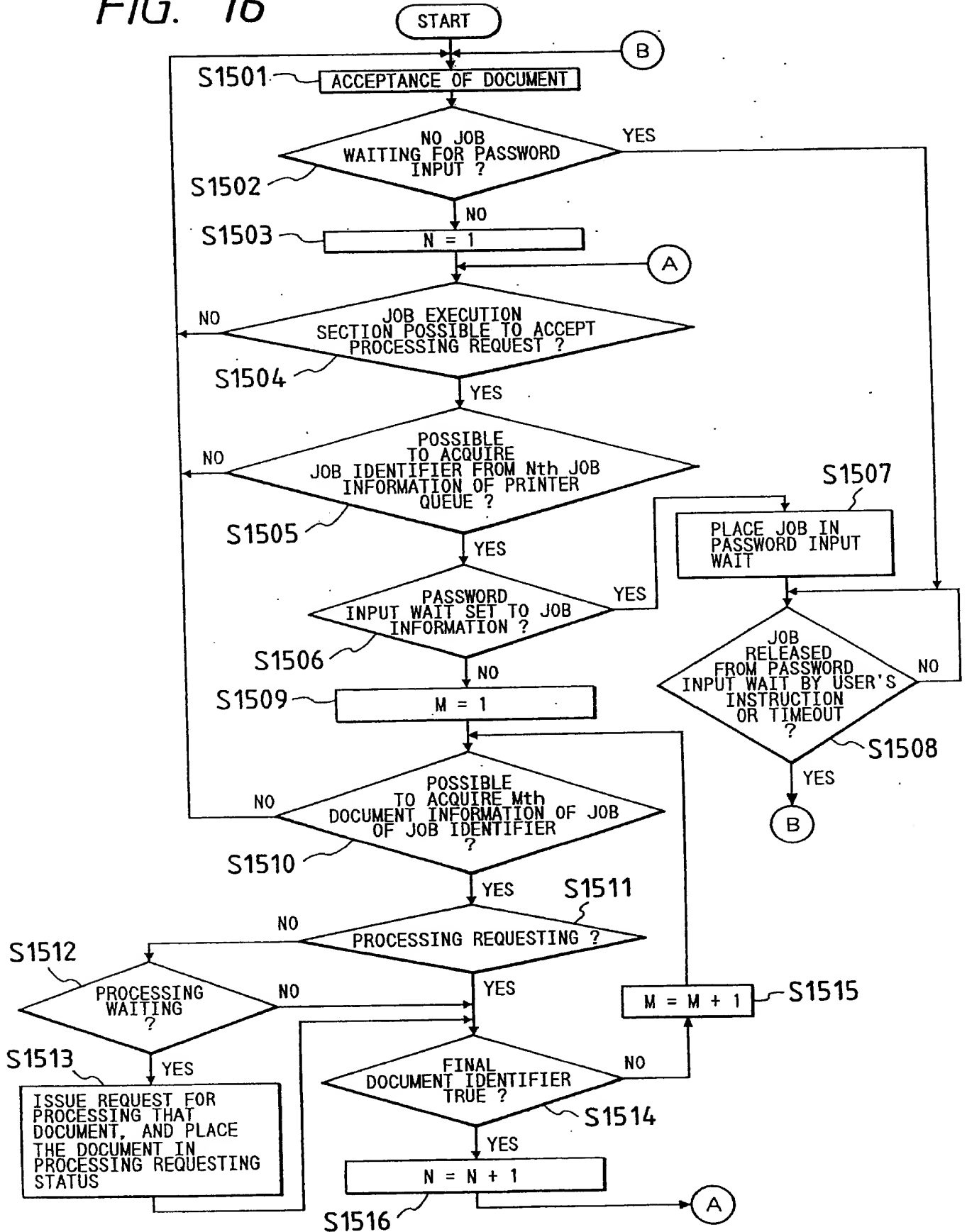


FIG. 17

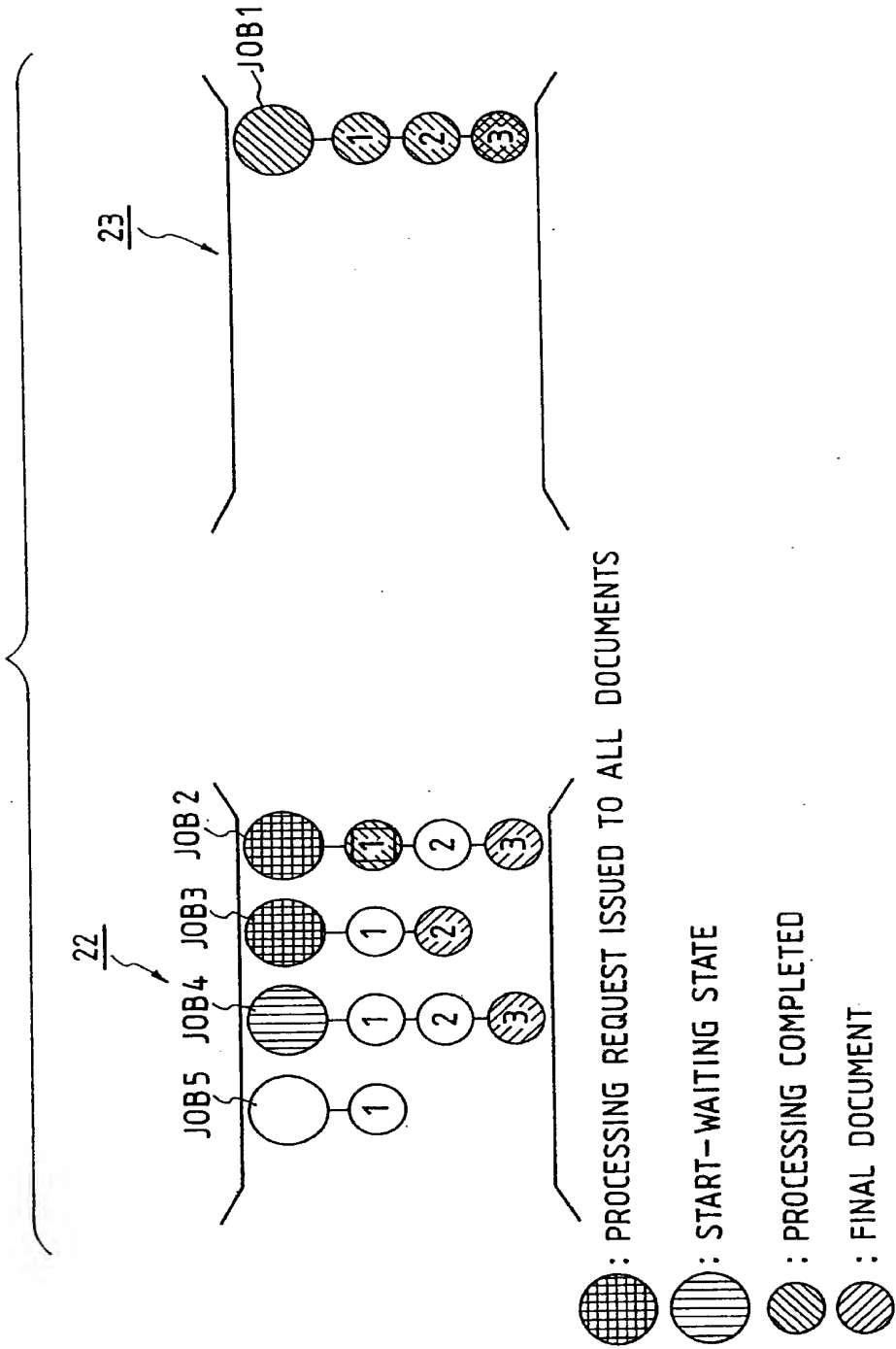


FIG. 18

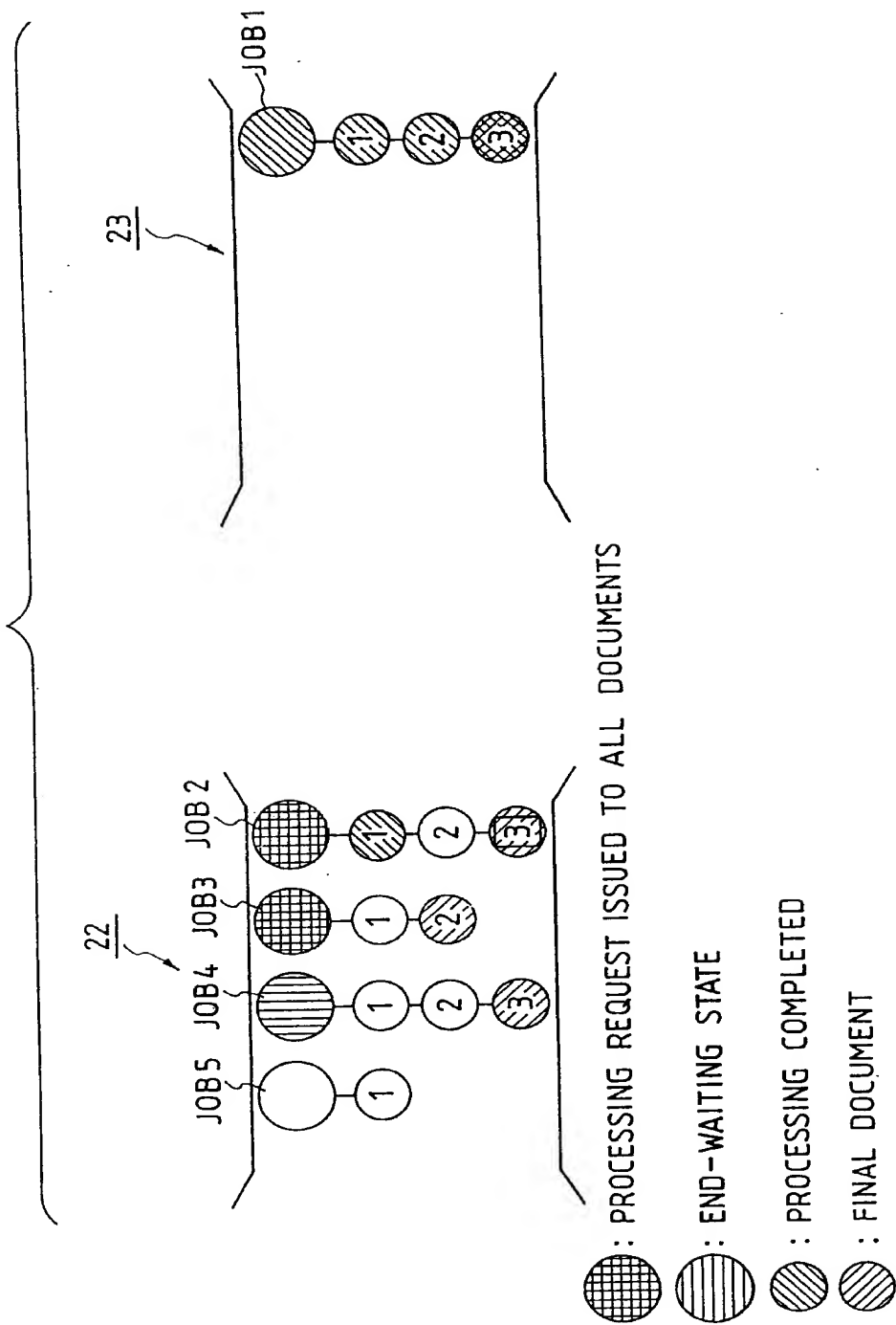


FIG. 19

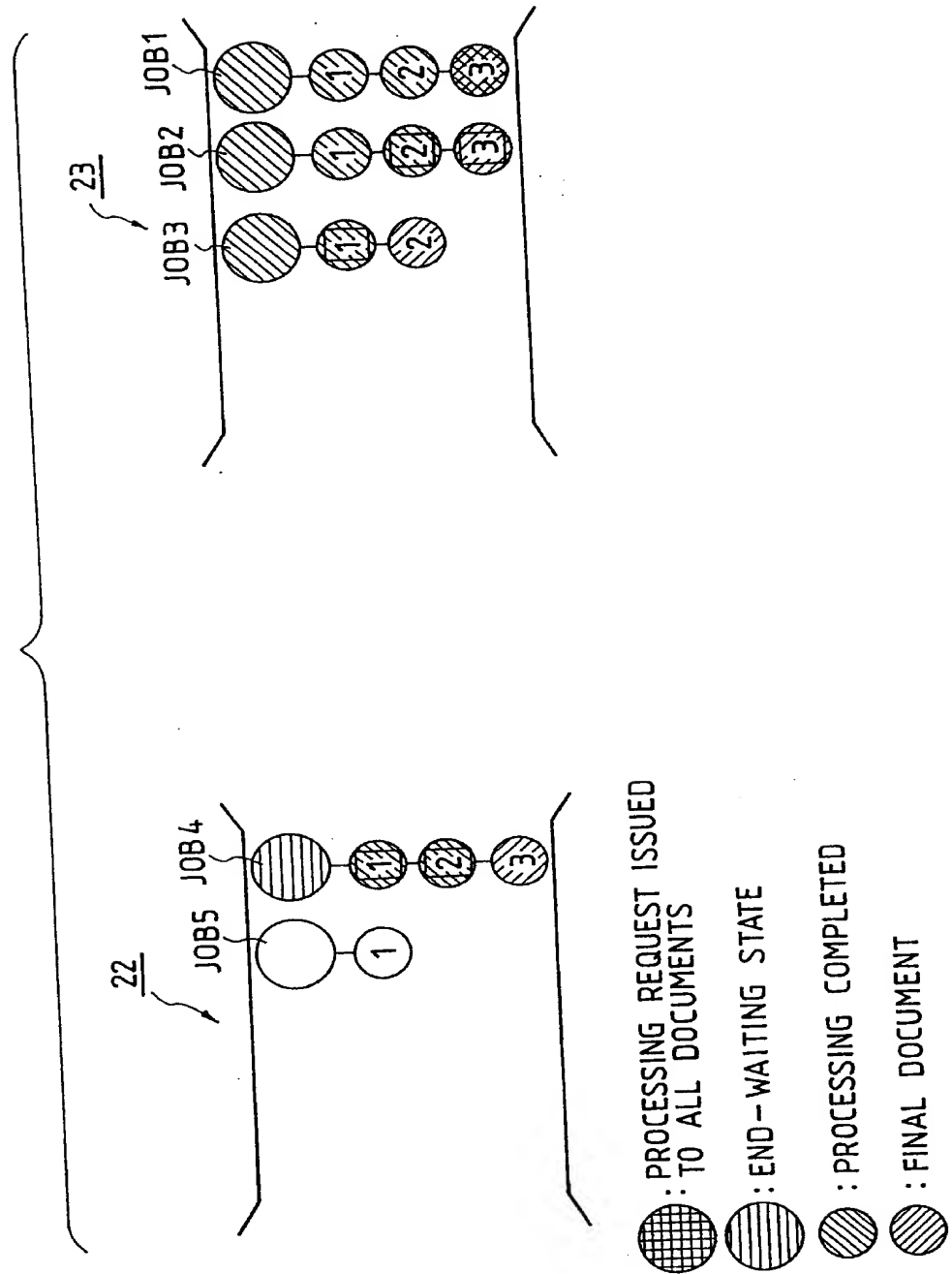


FIG. 20

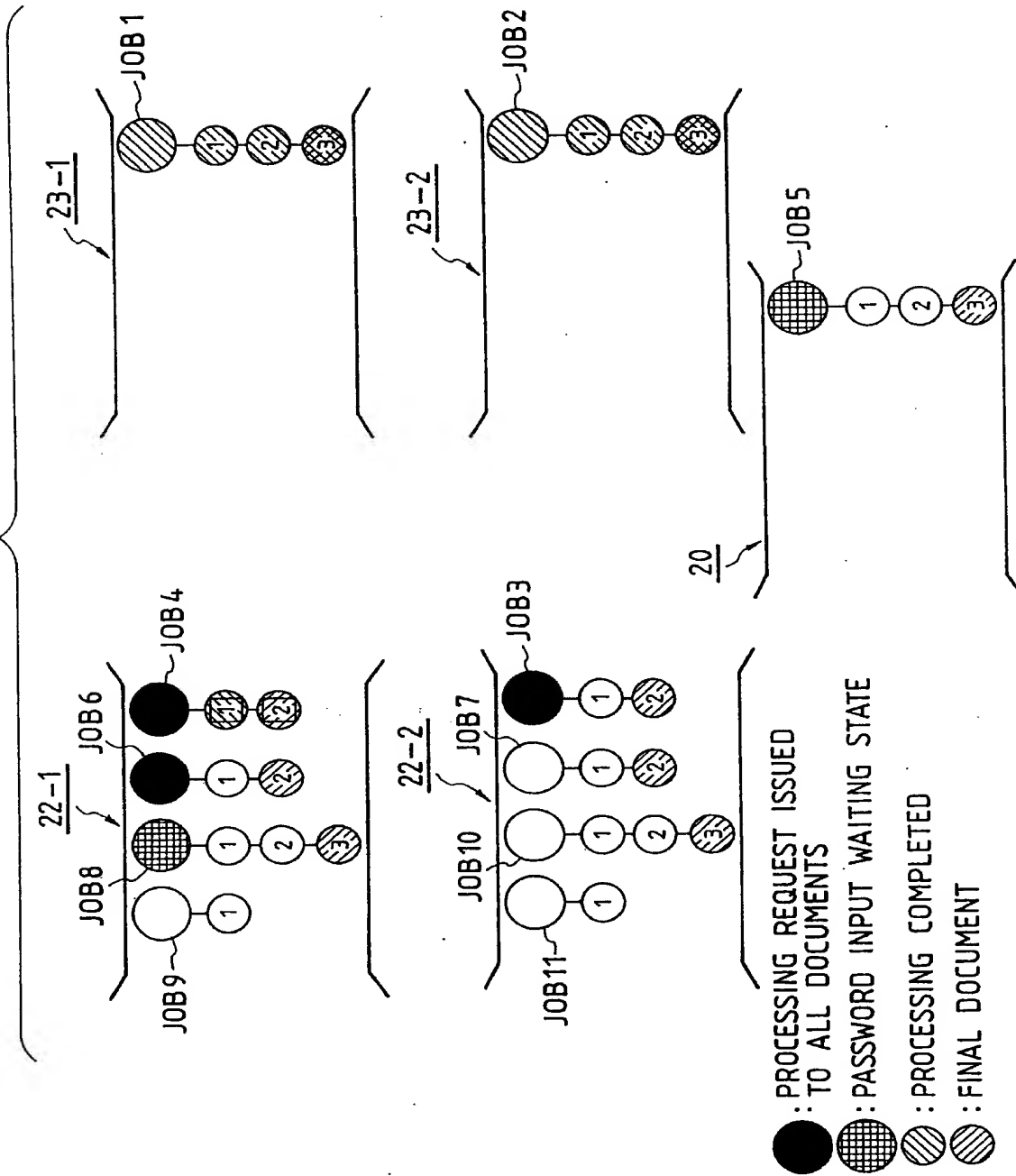
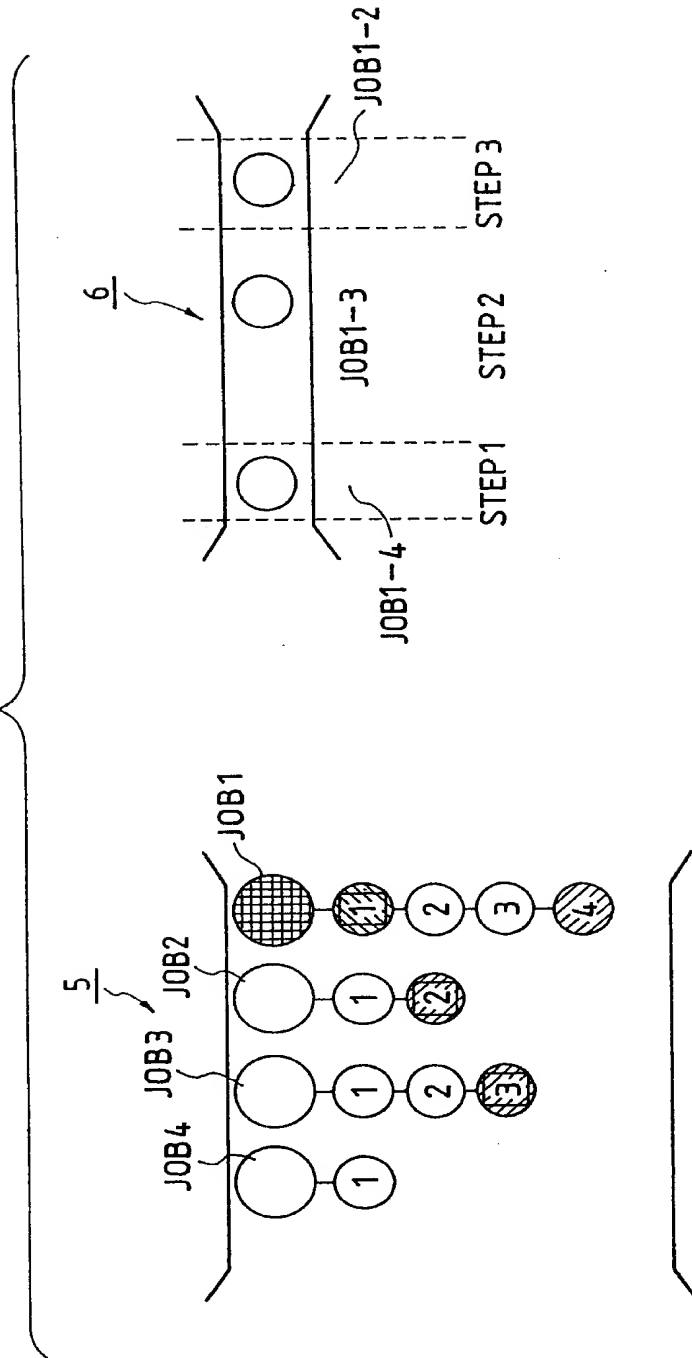


FIG. 21 PRIOR ART



- : PROCESSING REQUEST ISSUED TO ALL DOCUMENTS
- : PROCESSING COMPLETED
- : FINAL DOCUMENT

FIG. 22

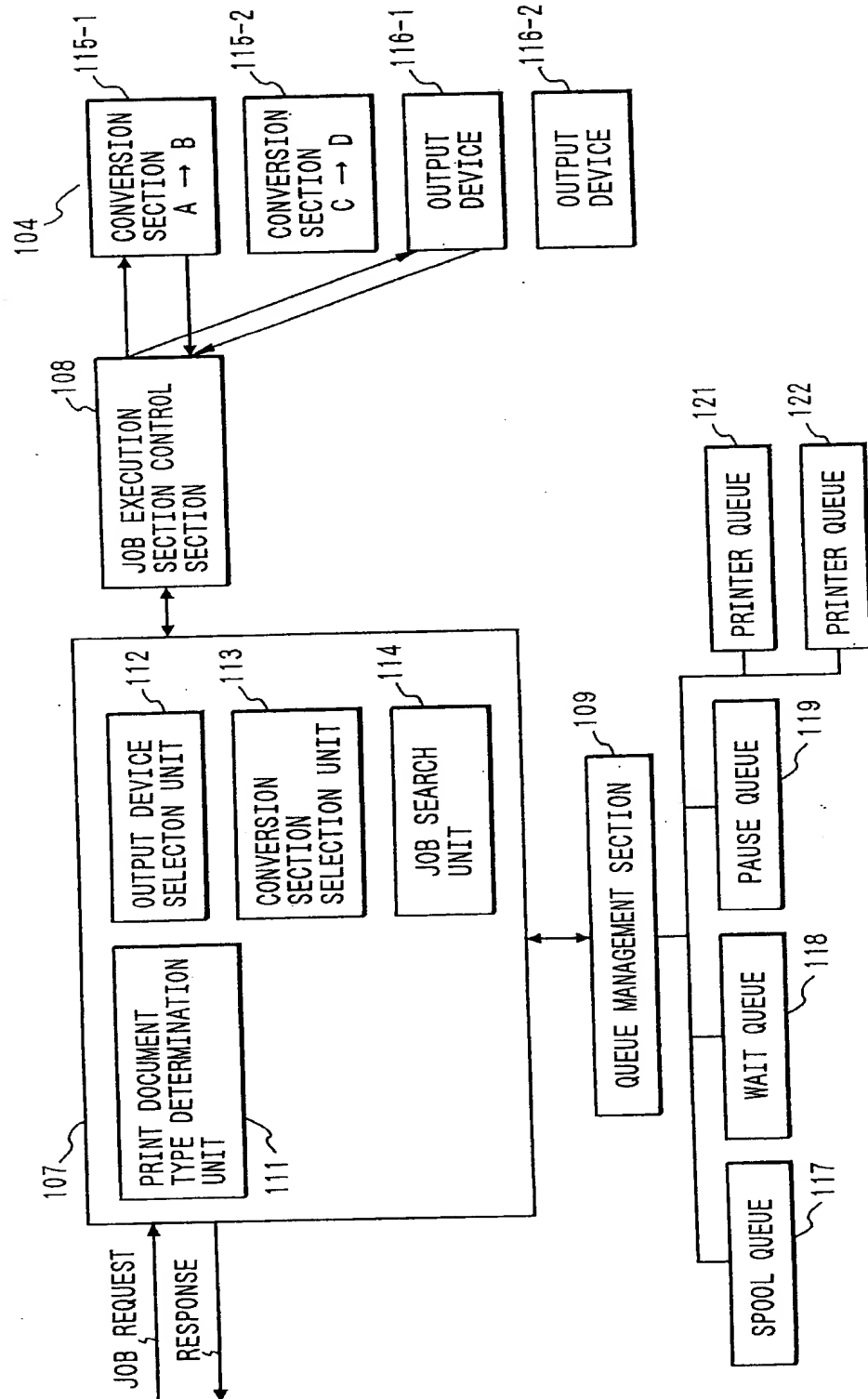


FIG. 23

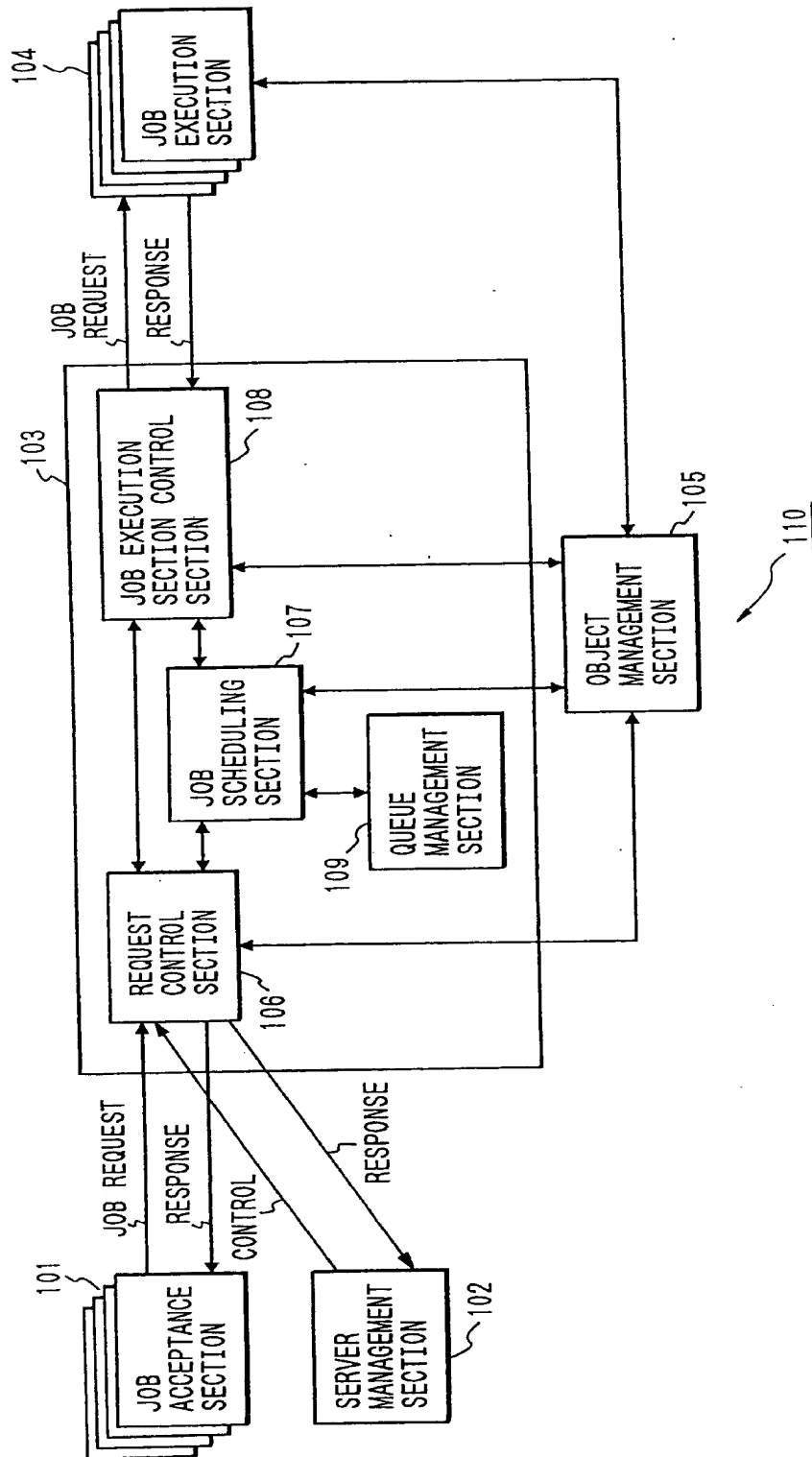


FIG. 24

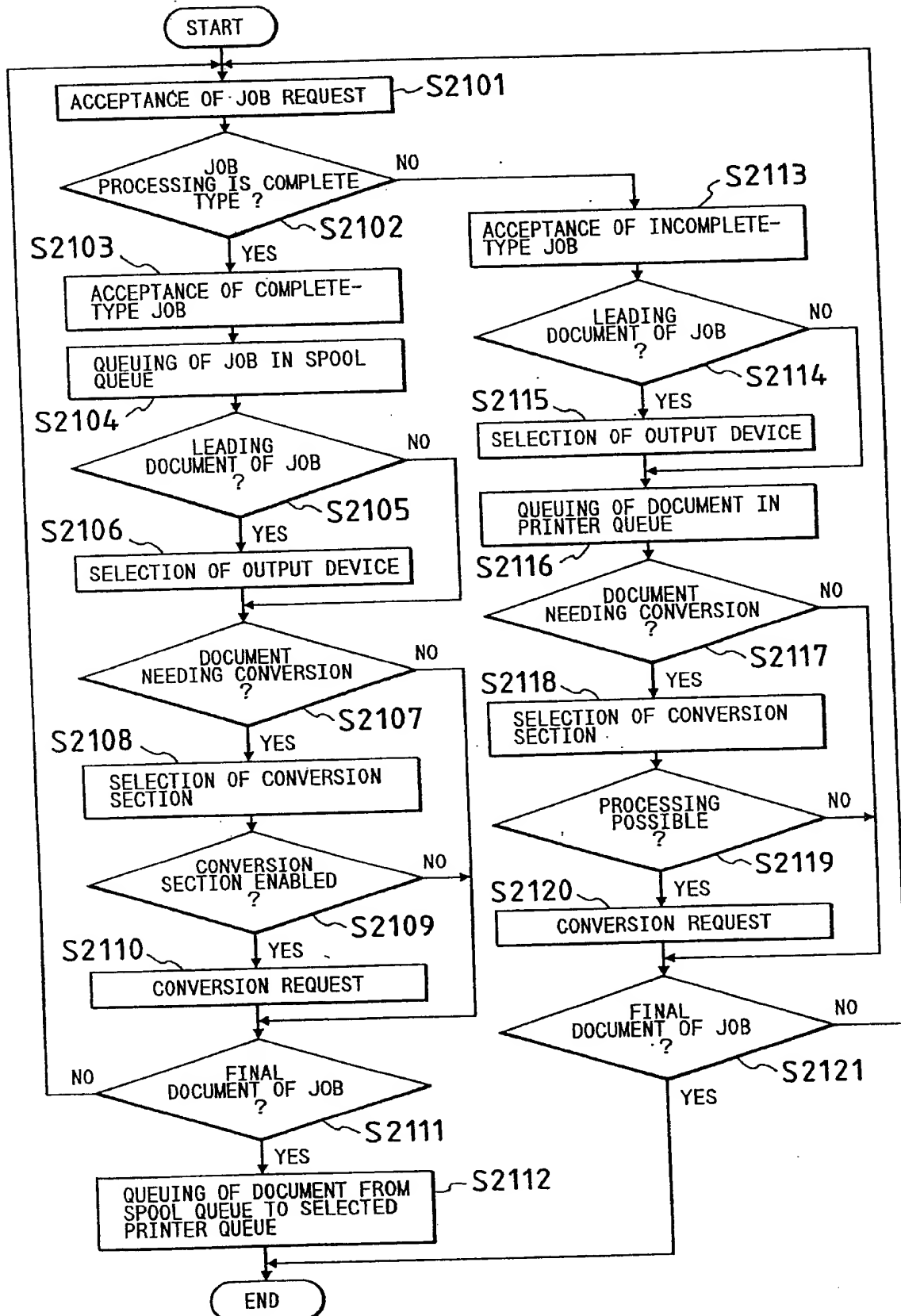


FIG. 25

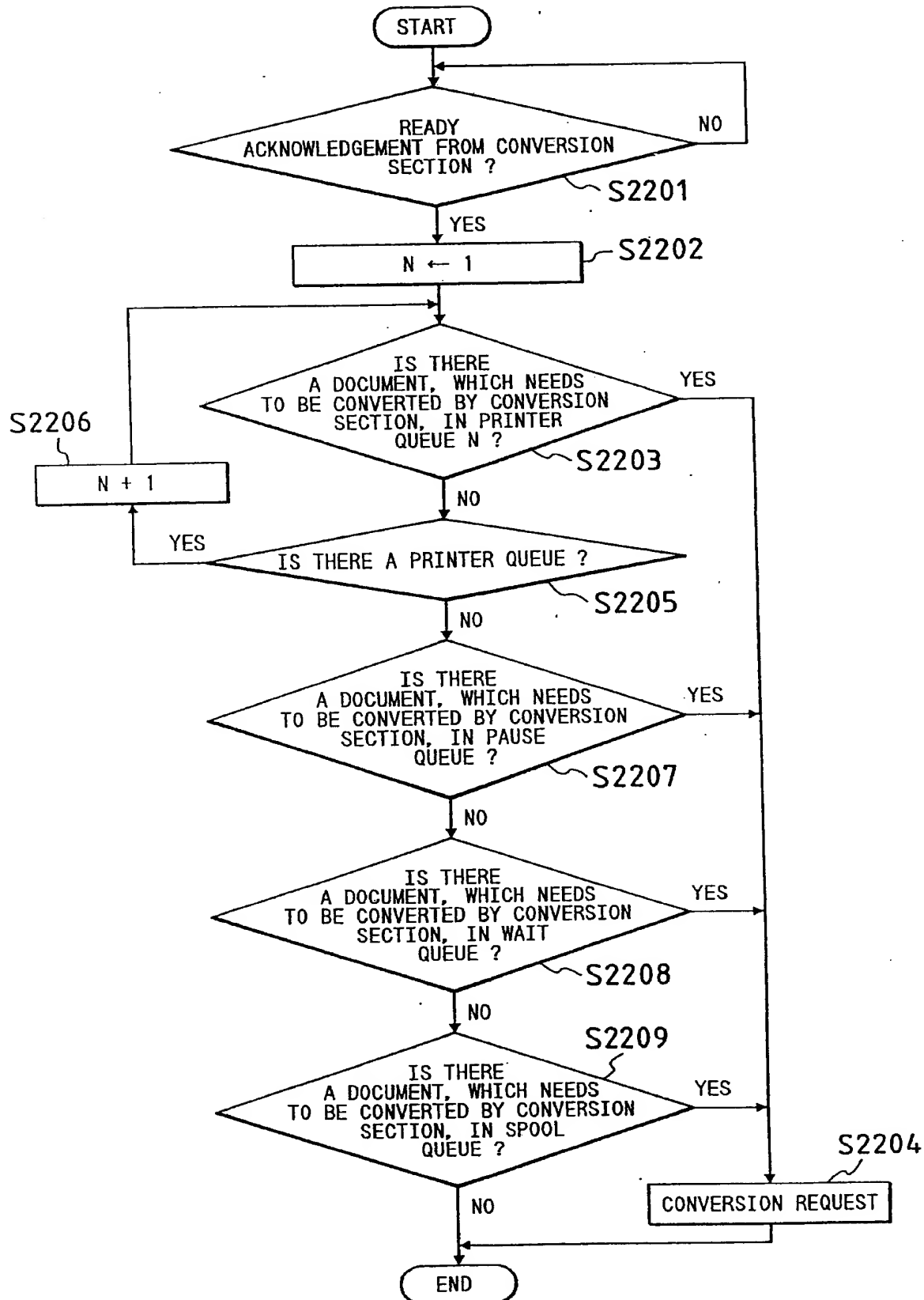


FIG. 26

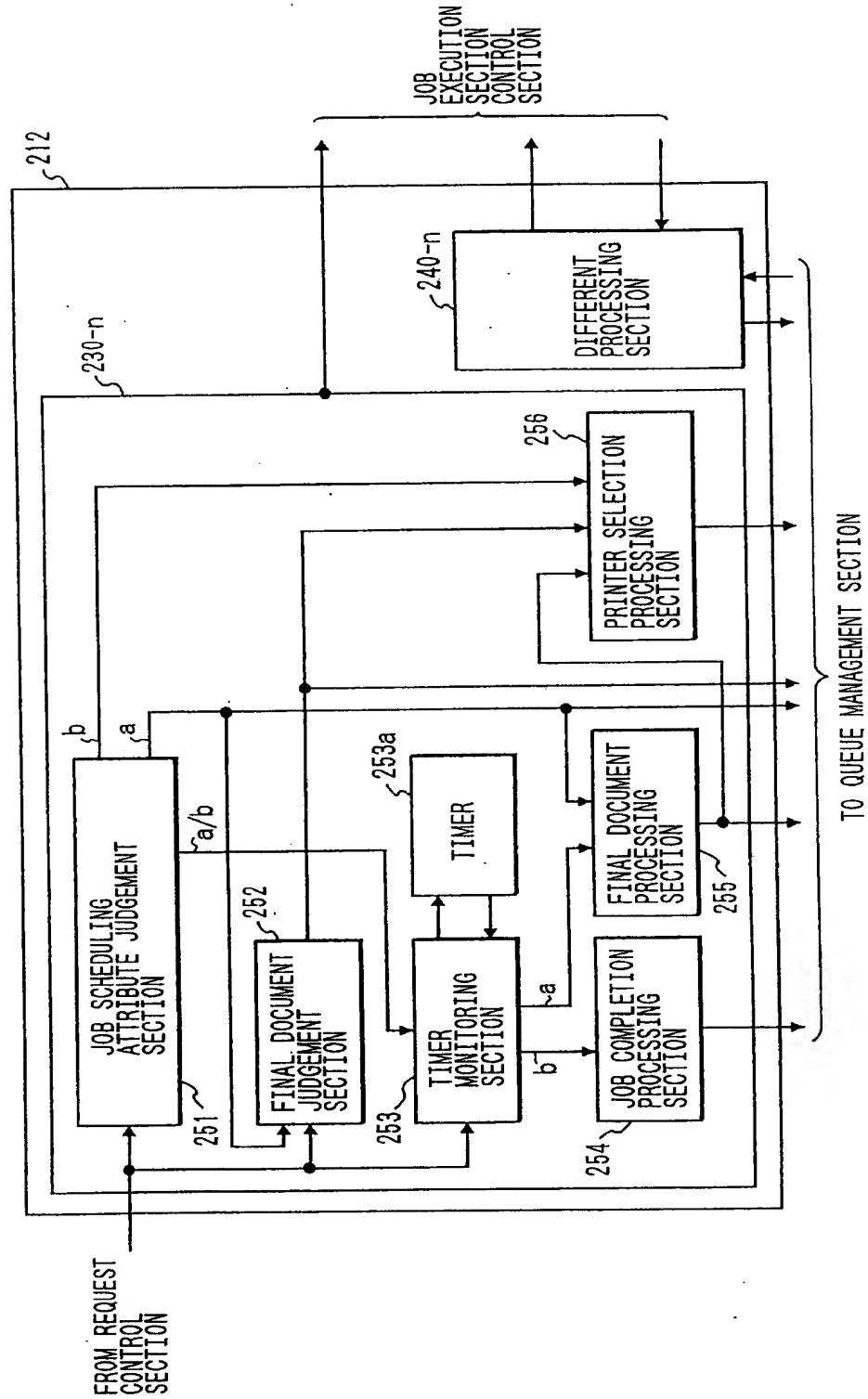


FIG. 27

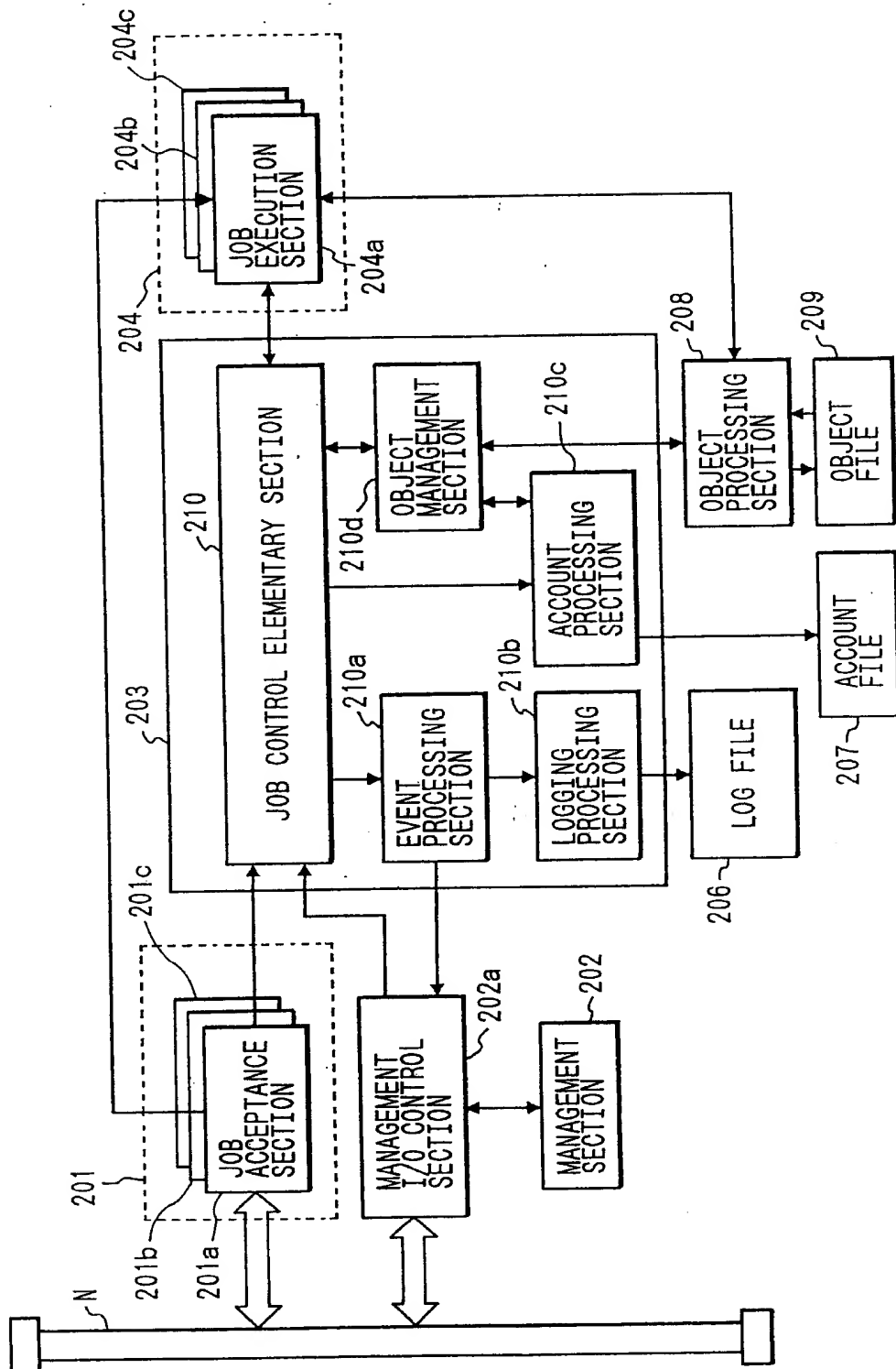


FIG. 28

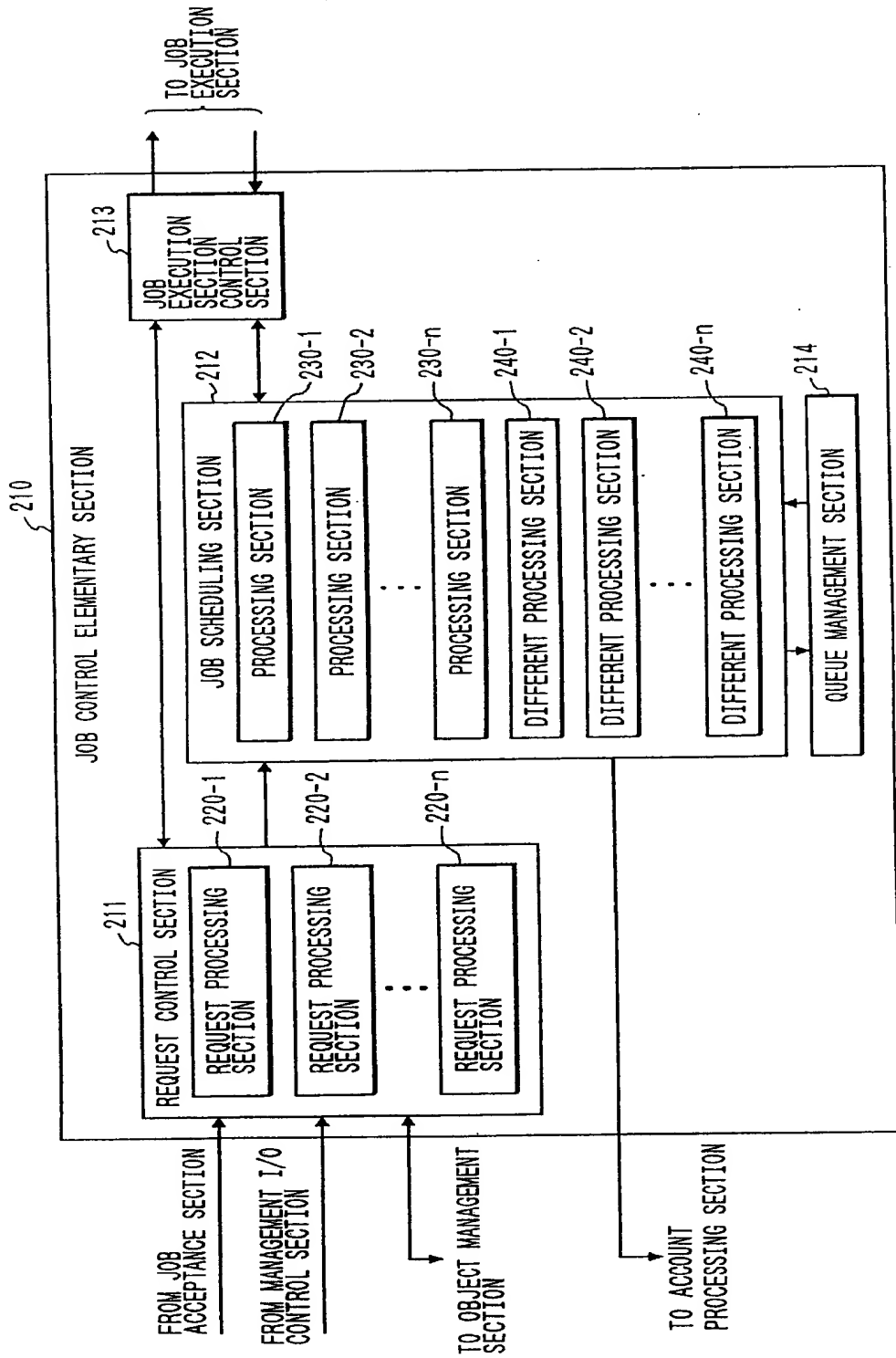


FIG. 29

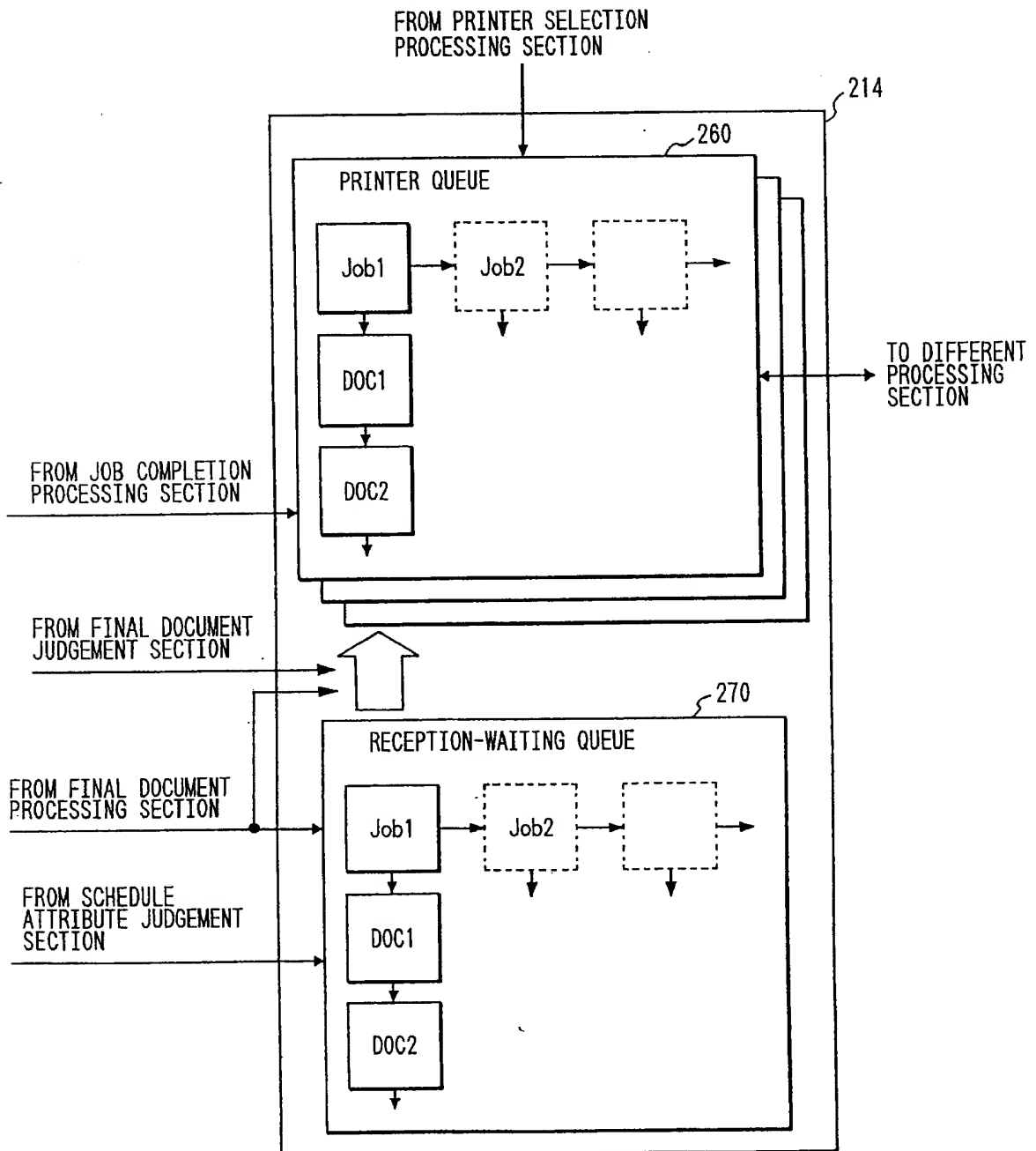


FIG. 30a

JOB ATTRIBUTE	281		282-1		282-2		280		282-n	
	JOB ATTRIBUTE	DOC1 ATTRIBUTE	DOC1	DOC2 ATTRIBUTE	DOC2	...	DOCn ATTRIBUTE	DOCn		

FIG. 30b

280a			
JOB ATTRIBUTE	DOC1 ATTRIBUTE	DOC2 ATTRIBUTE	DOCn ATTRIBUTE

FIG. 30c

280b		
DOC1	DOC2	DOCn

FIG. 31

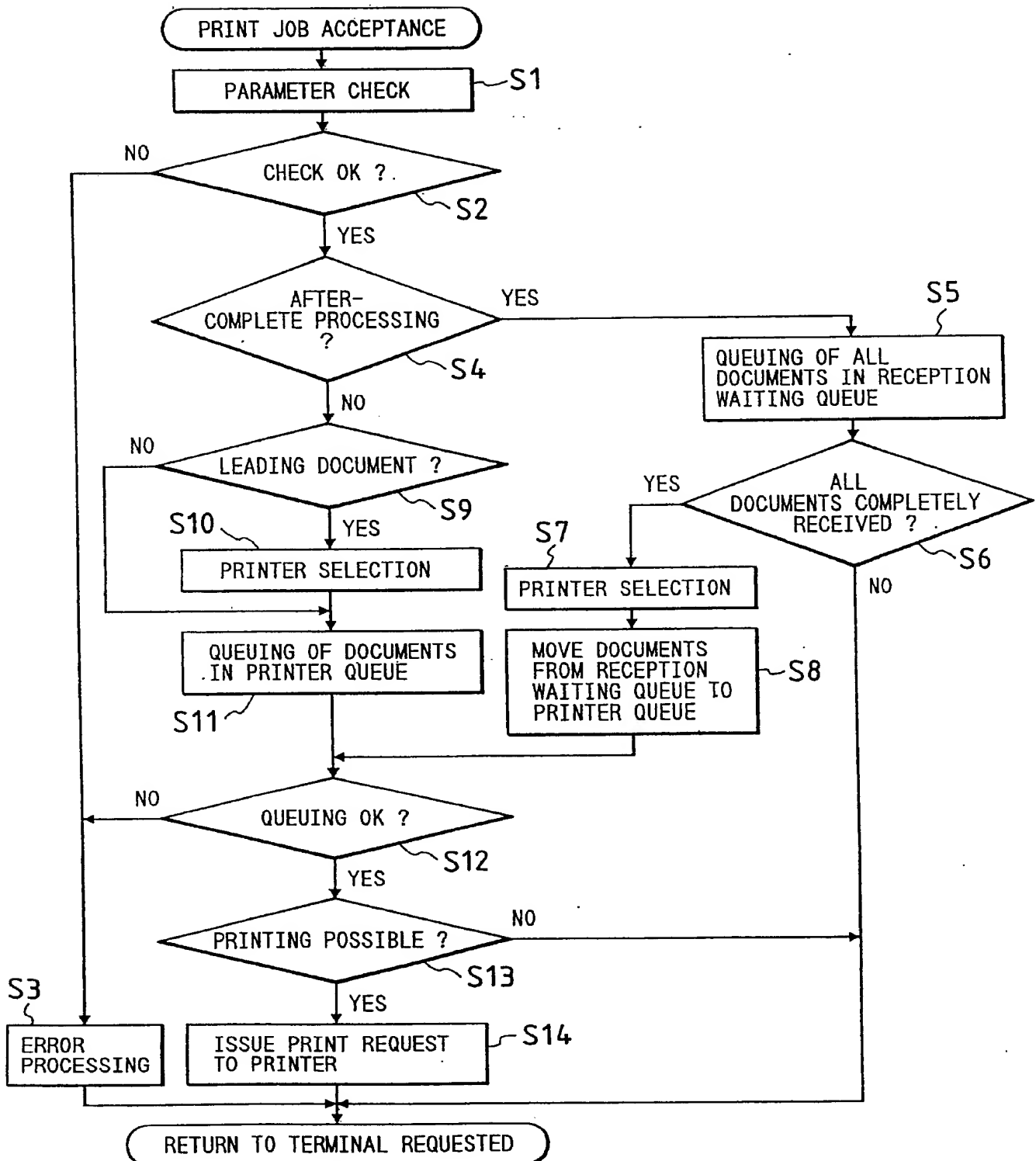


FIG. 32

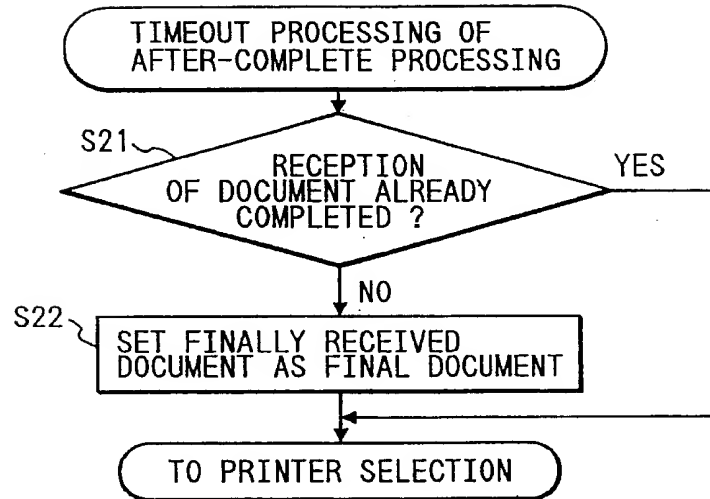


FIG. 33

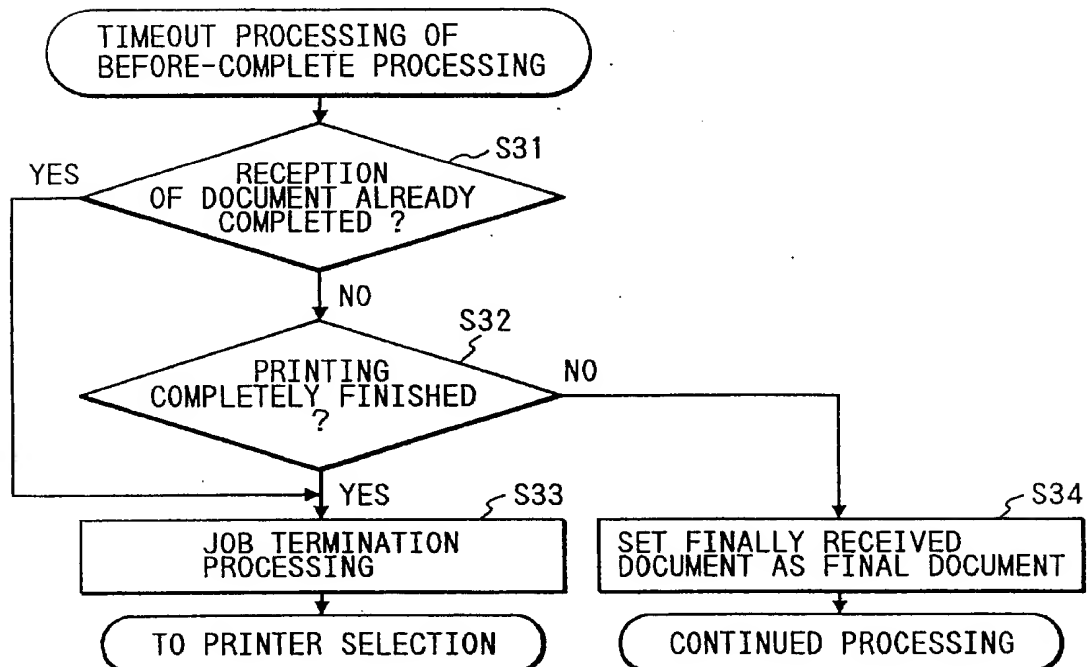


FIG. 34

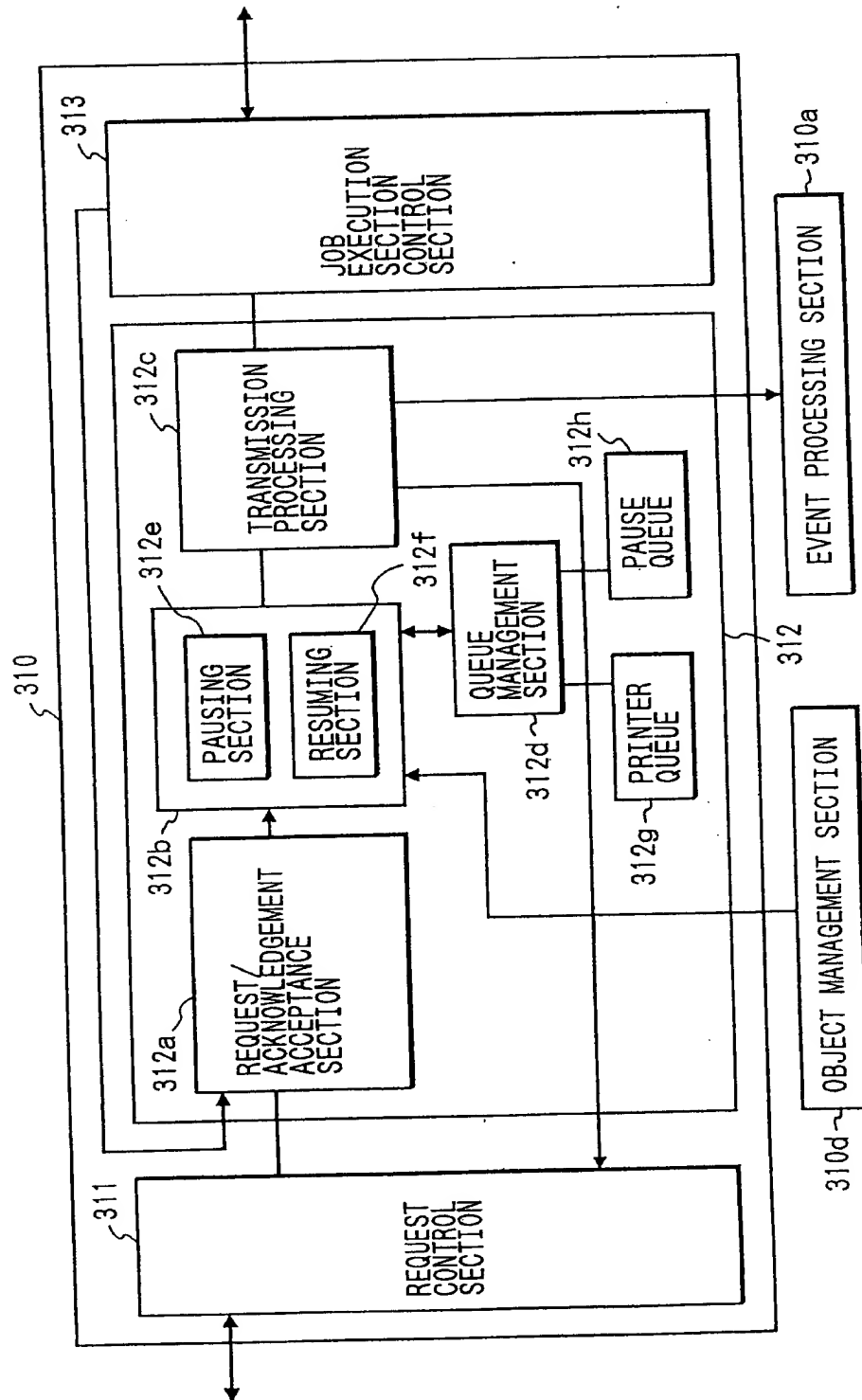


FIG. 35

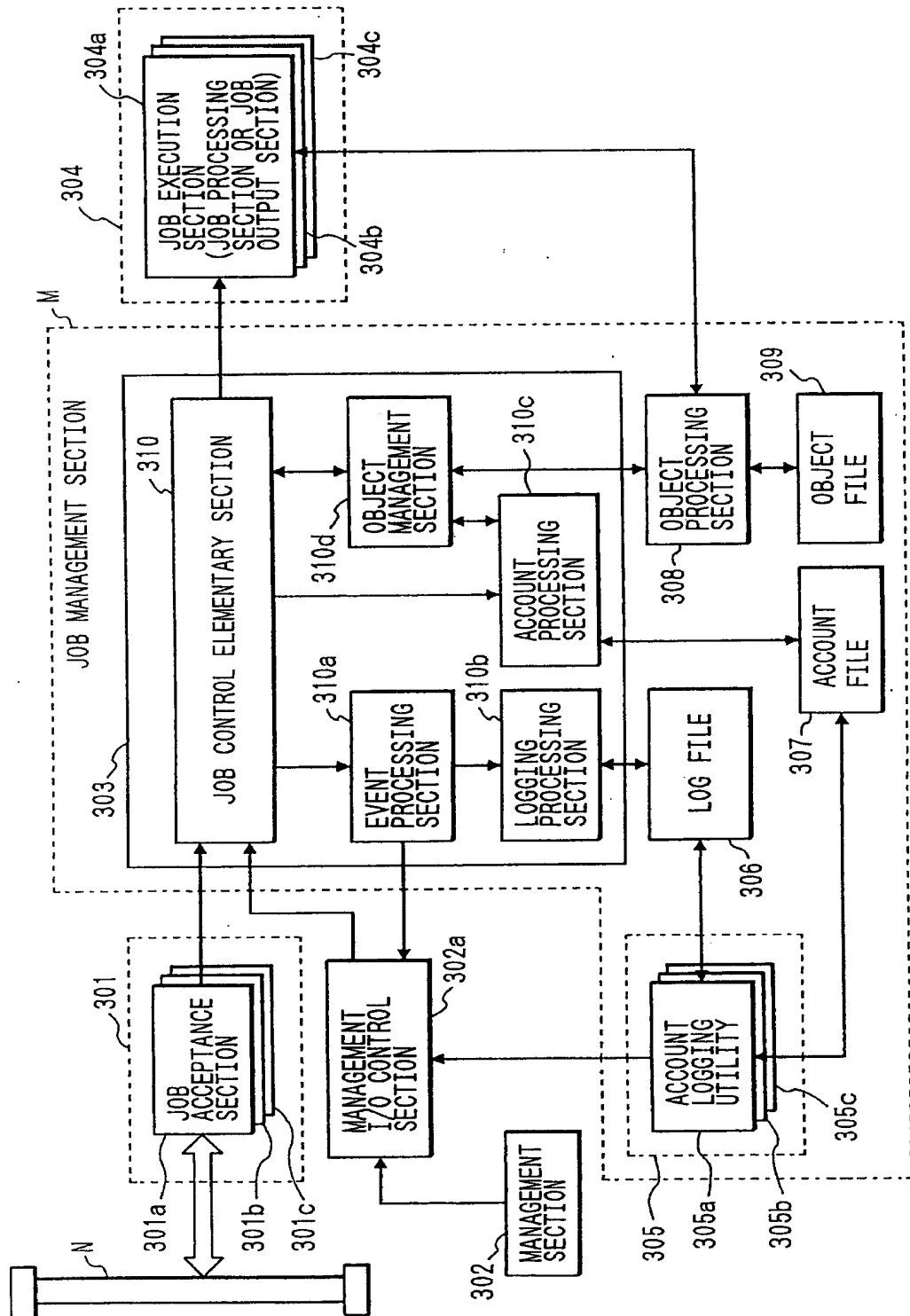


FIG. 36

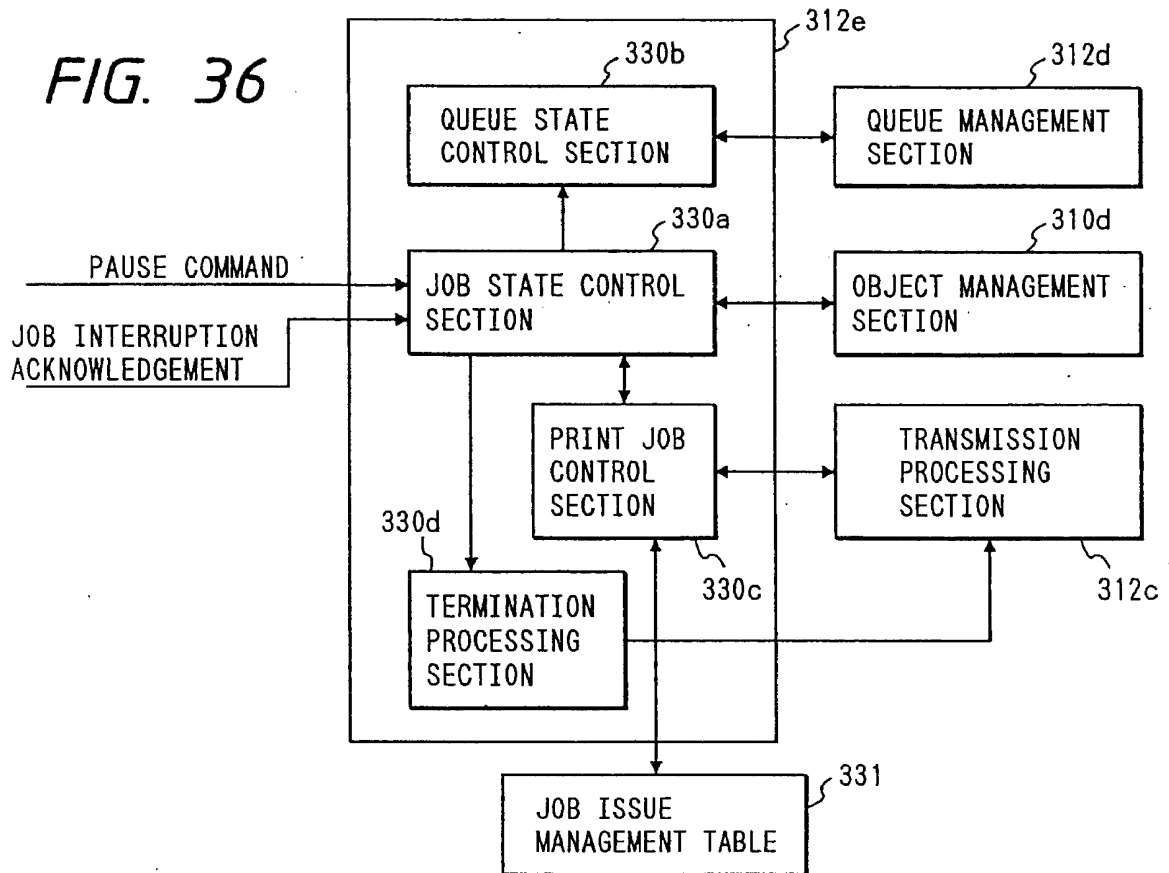


FIG. 38

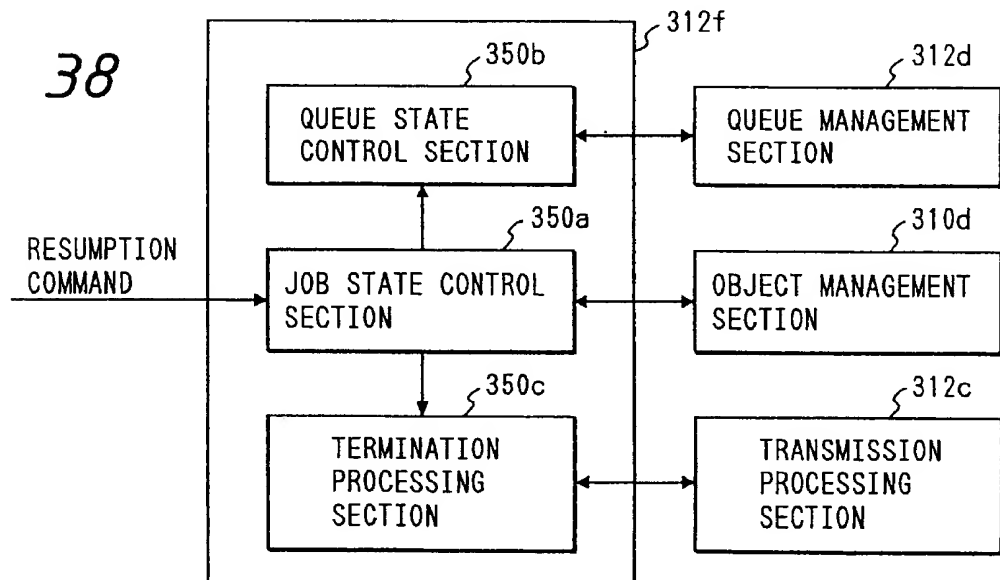


FIG. 37

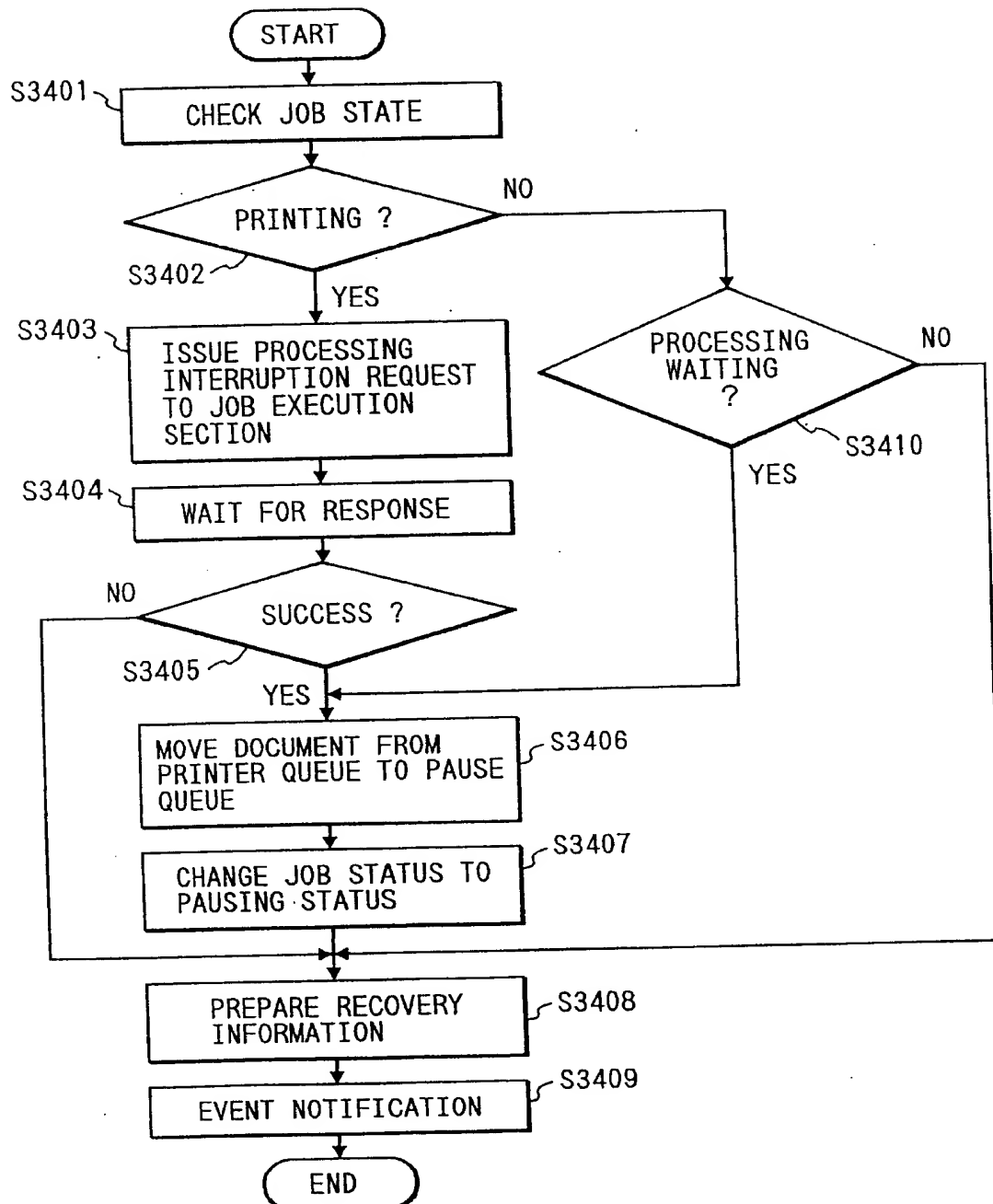


FIG. 39

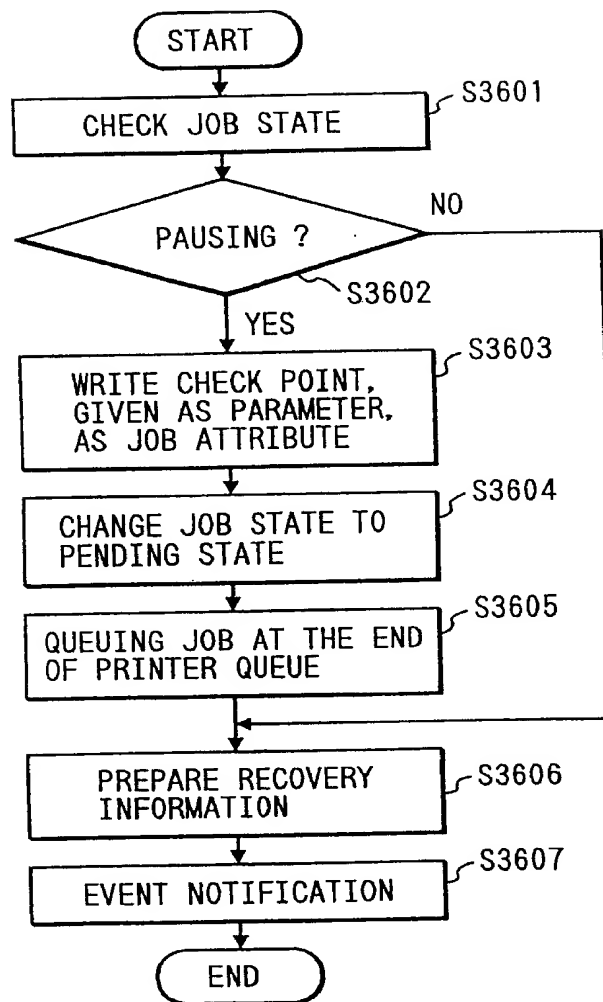


FIG. 40a

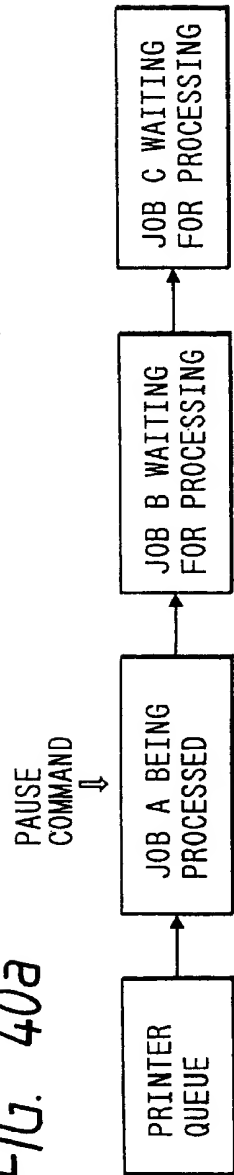


FIG. 40b

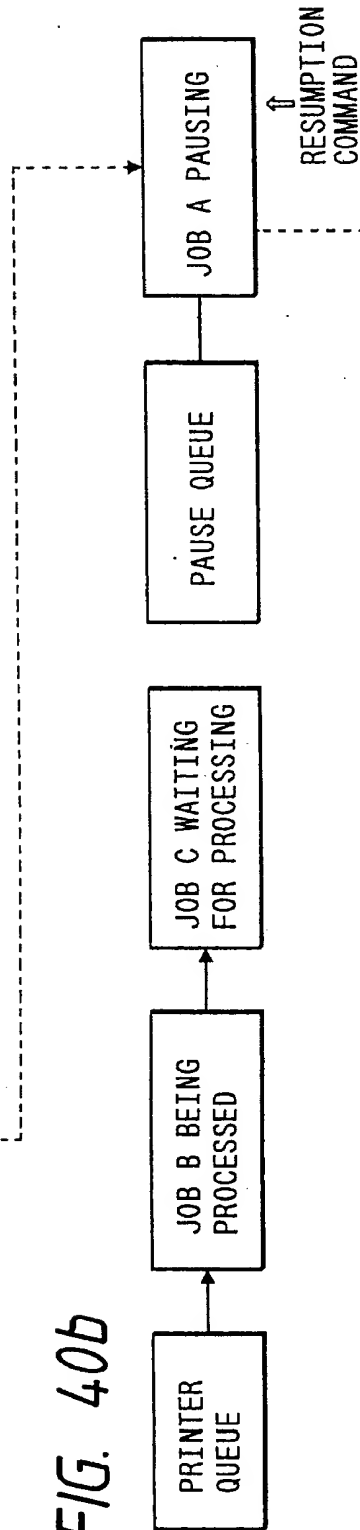
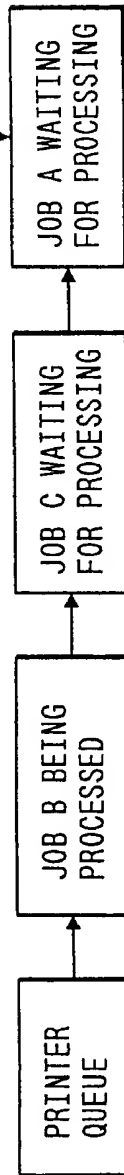


FIG. 40c



JOB EXECUTION
SECTION 4

JOB SCHEDULING
SECTION 12

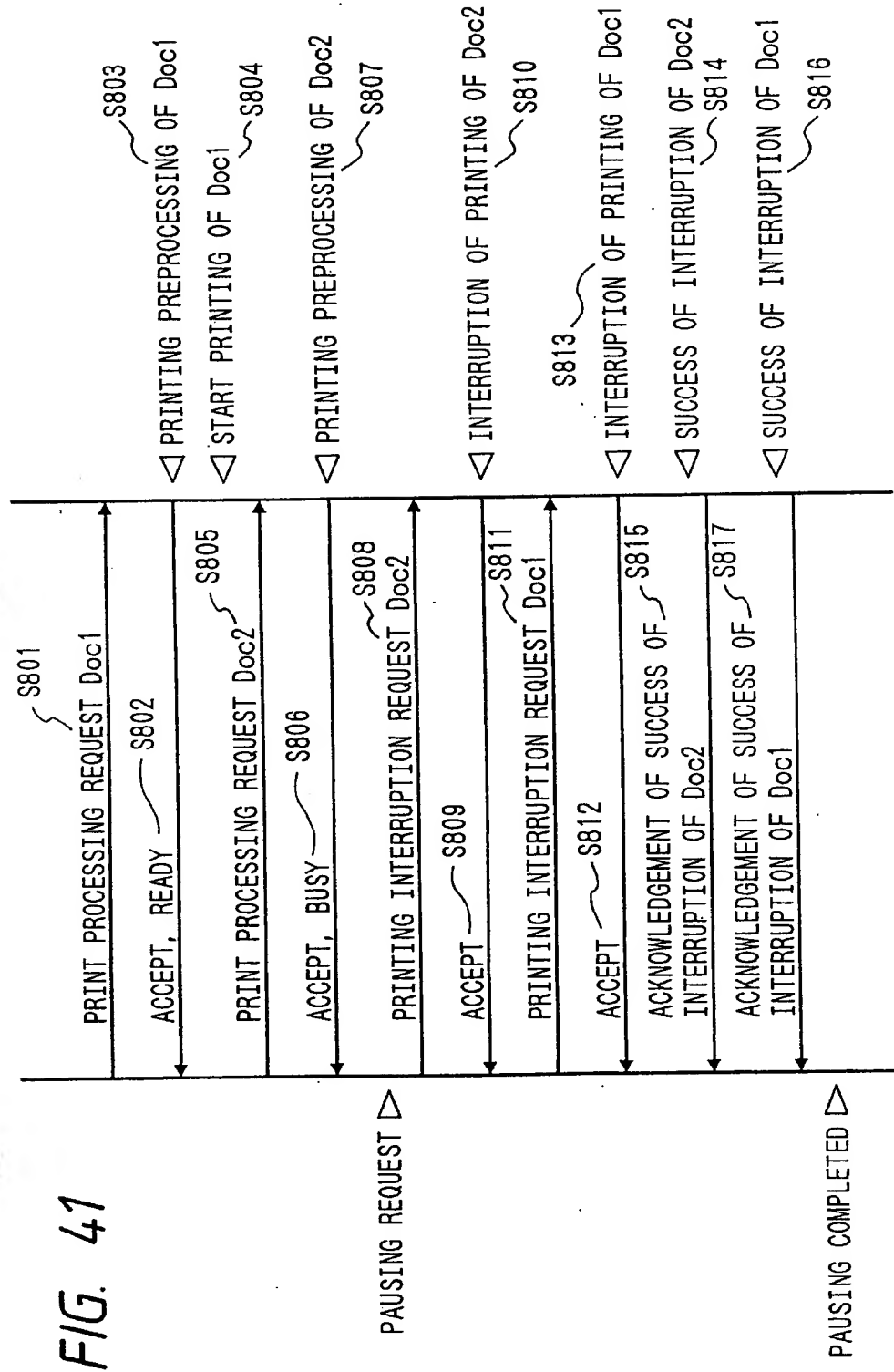


FIG. 42

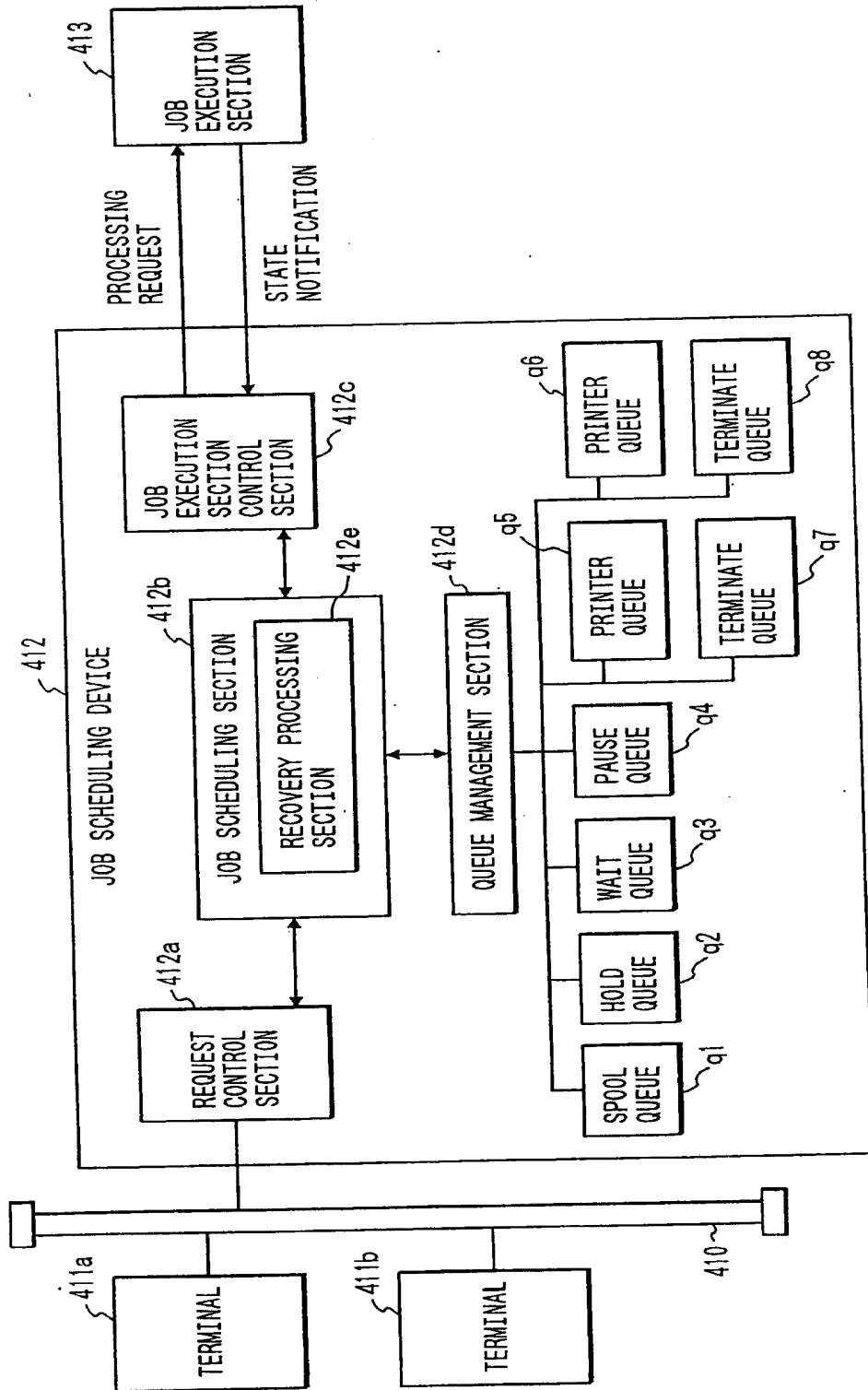


FIG. 43

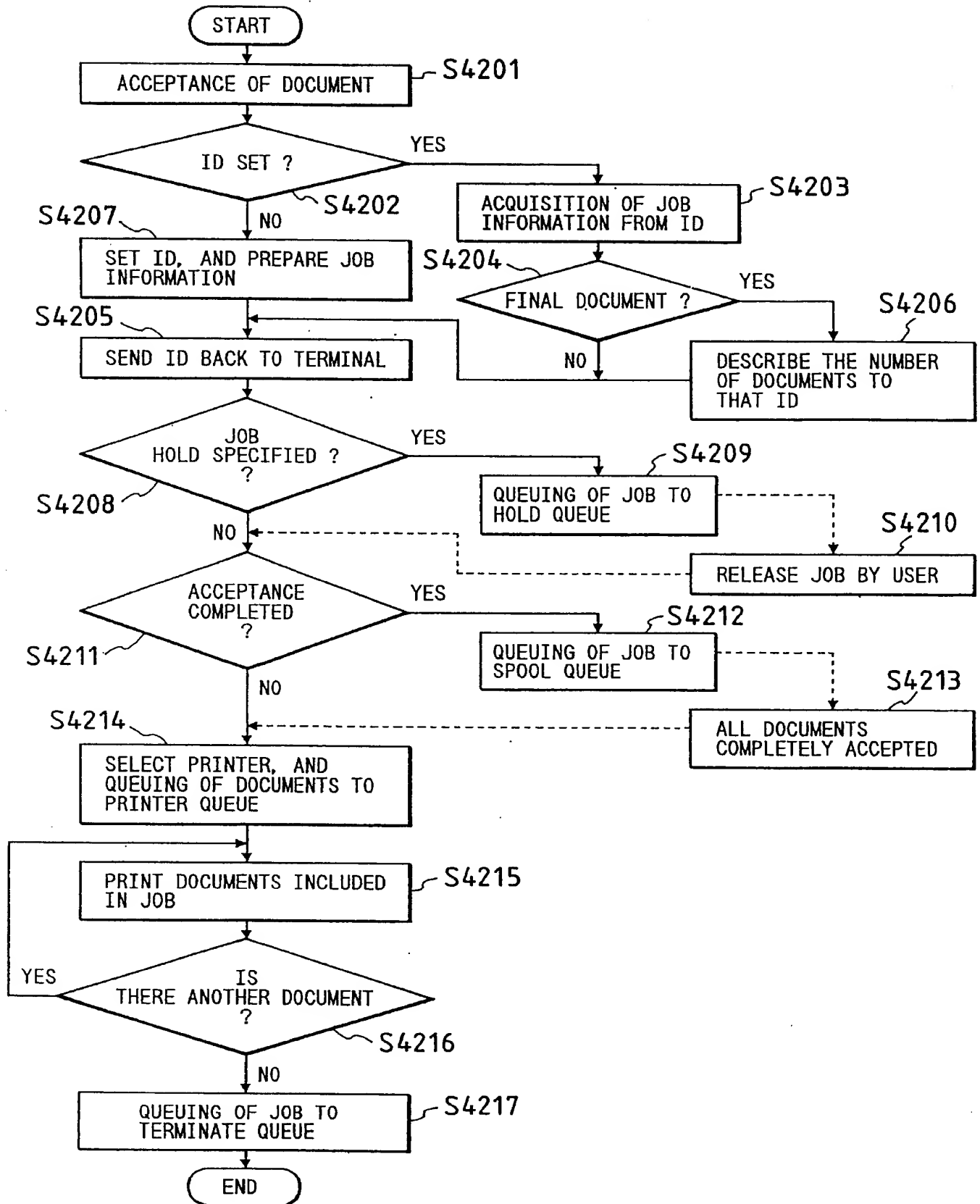


FIG. 44

MEMBER	EXPLANATION OF MEMBER
jobID	IDENTIFICATION NUMBER OF JOB
docsecNum	DOCUMENT IDENTIFICATION NUMBER OF ONE-JOB MULTIDOCUMENT
currentDocNum	docsecNum FOR ISSUING PRINT REQUEST
status	JOB STATUS
prevQID	PREVIOUSLY RETAINED QUEUE ID
jobCopyCount	NUMBER OF COPIES
requestCounter	NUMBER OF TIMES FOR REQUEST FOR PRINTING DOCUMENT TO JOB EXECUTION SECTION
completeCounter	NUMBER OF TIMES PROCESSING OF DOCUMENT IS TERMINATED
abortedCounter	NUMBER OF TIMES DOCUMENT BEING PROCESSED IS ABORTED
collateFlag	FLAG SHOWING WHETHER OR NOT COLLATION IS EFFECTED
resumeFlag	FLAG SHOWING WHETHER OR NOT RESUMING IS EFFECTED
previousStatus	PREVIOUS STATUS
retry	RETRY COUNTER WHEN REJECTED
complete	FLAG SHOWING WHETHER OR NOT THE DOCUMENT IS FINAL DOCUMENT
convertID	ID OF REQUESTED CONVERTER
chPagesComp	NUMBER OF PAGES JOB IS OUTPUT
chDocPagesComp	NUMBER OF PAGES DOCUMENT IS OUTPUT
chCurJobState	CURRENT JOB STATE
chPrevJobState	PREVIOUS JOB STATE
chJobStateReason	REASON FOR CHANGE OF CURRENT JOB STATE
chAssignJEID	ASSIGNED PRINTER ID
retryCounter	NUMBER OF RETRIES
processingFlag	FLAG SHOWING WHETHER OR NOT PRINTING IS BEING CARRIED OUT

430a

FIG. 45

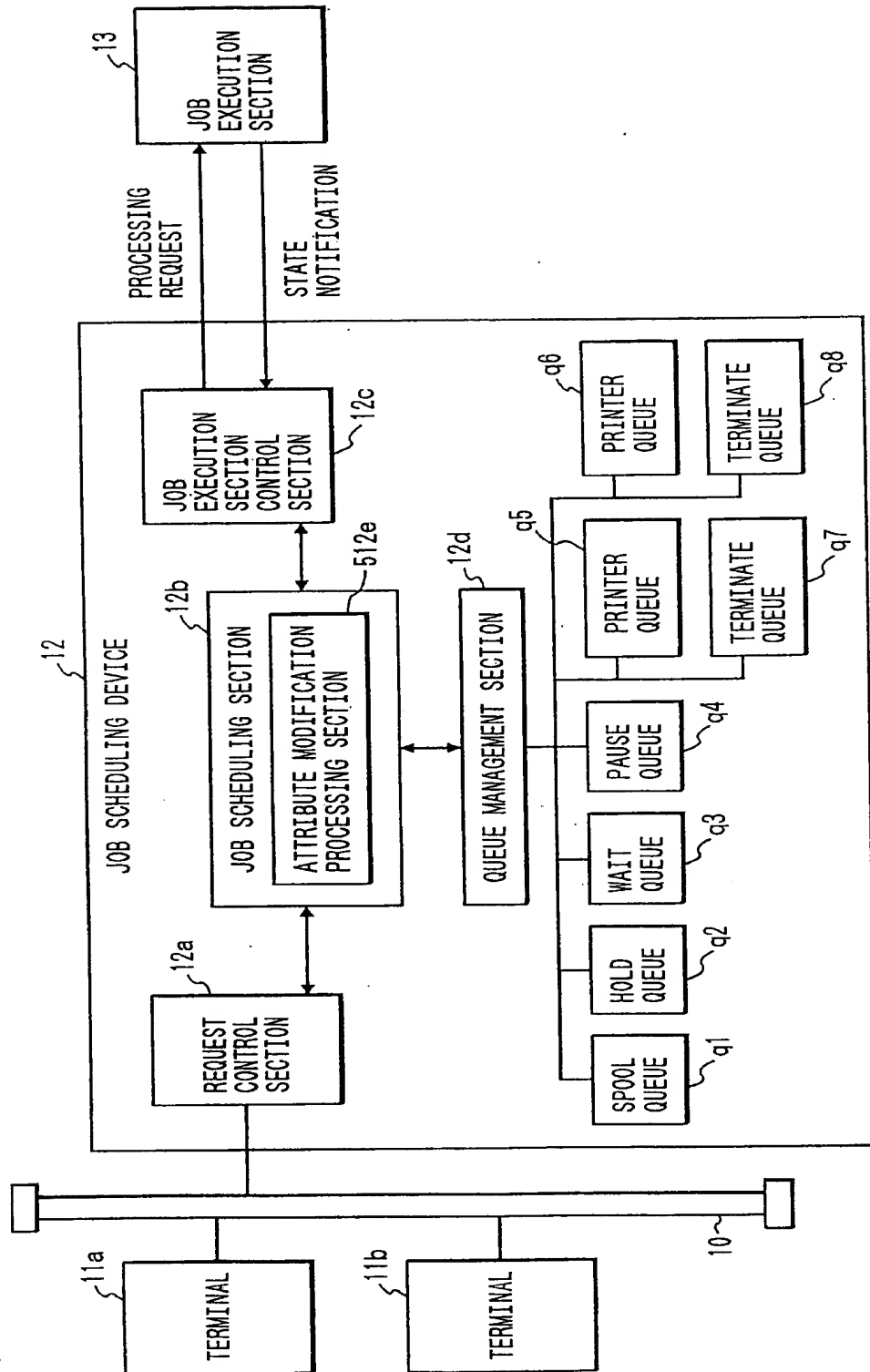


FIG. 46

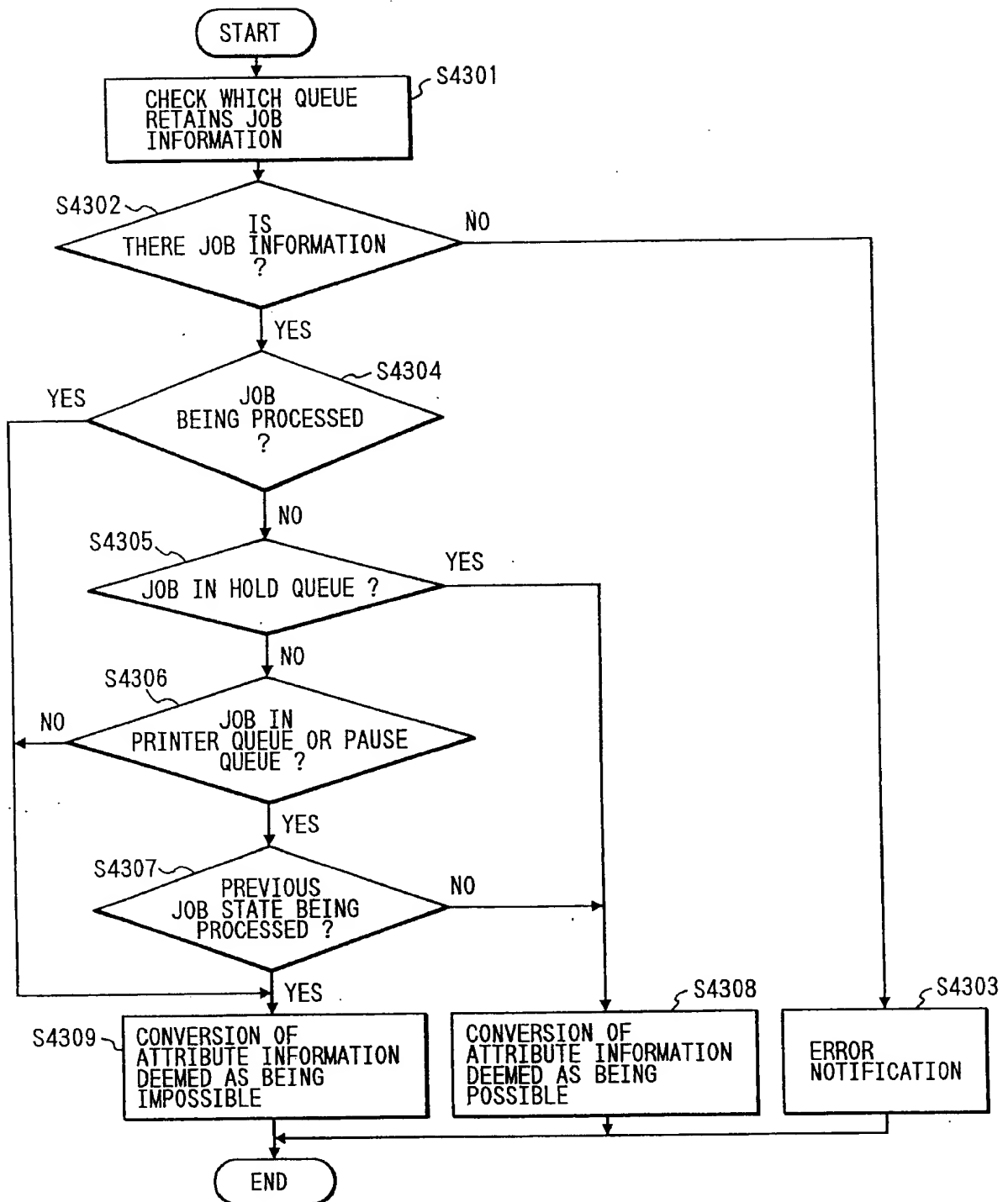


FIG. 47

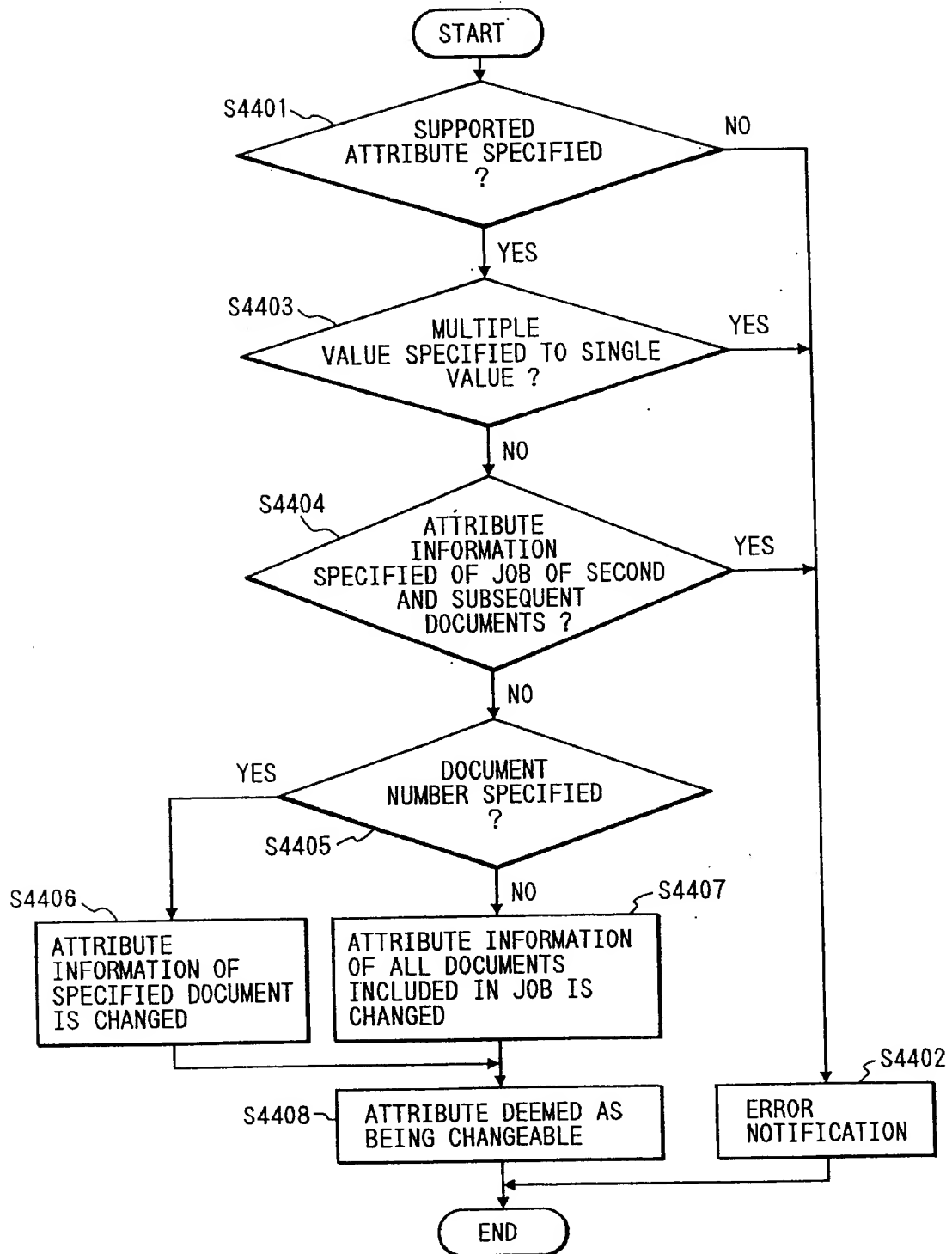


FIG. 48

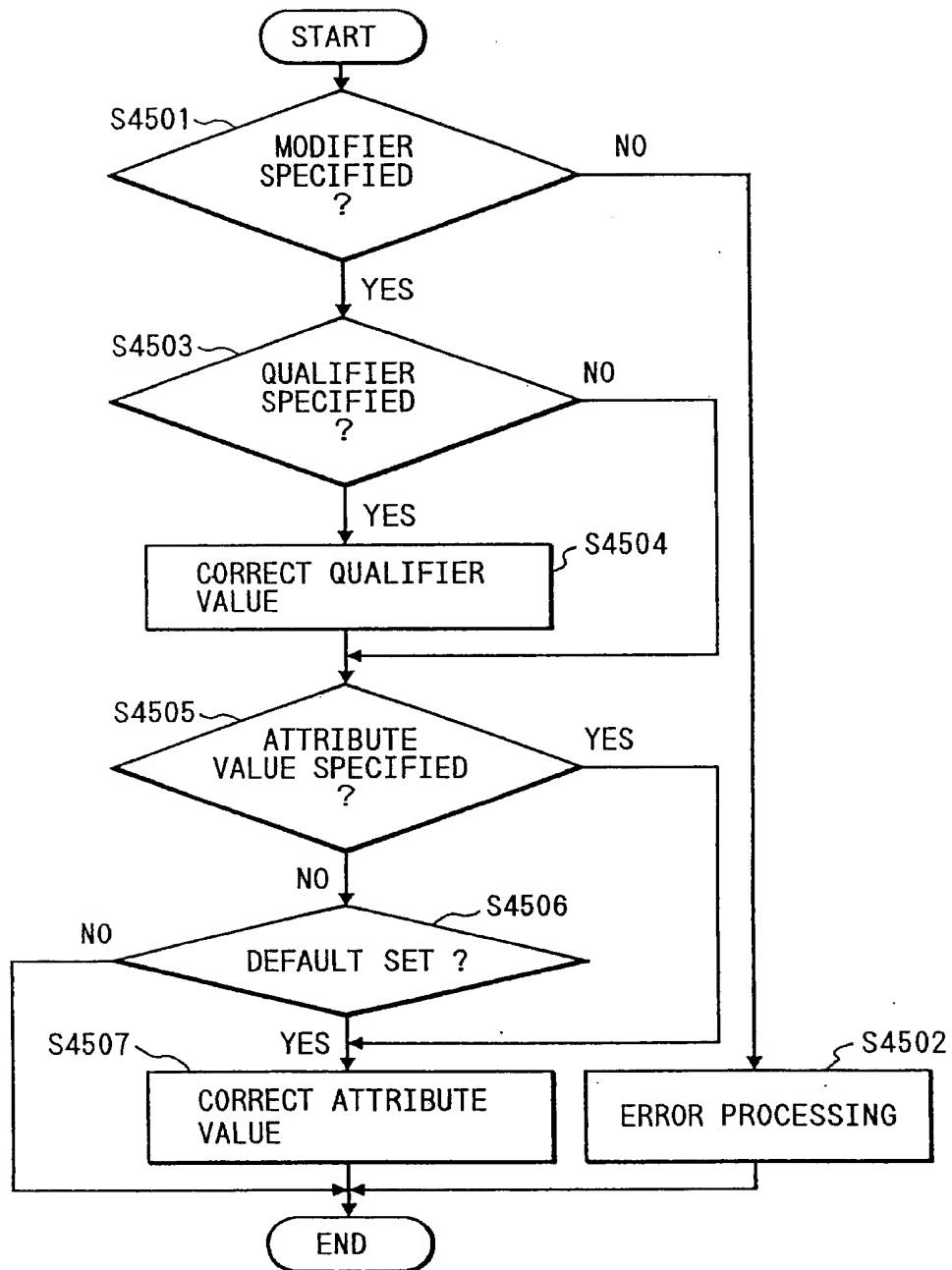


FIG. 49

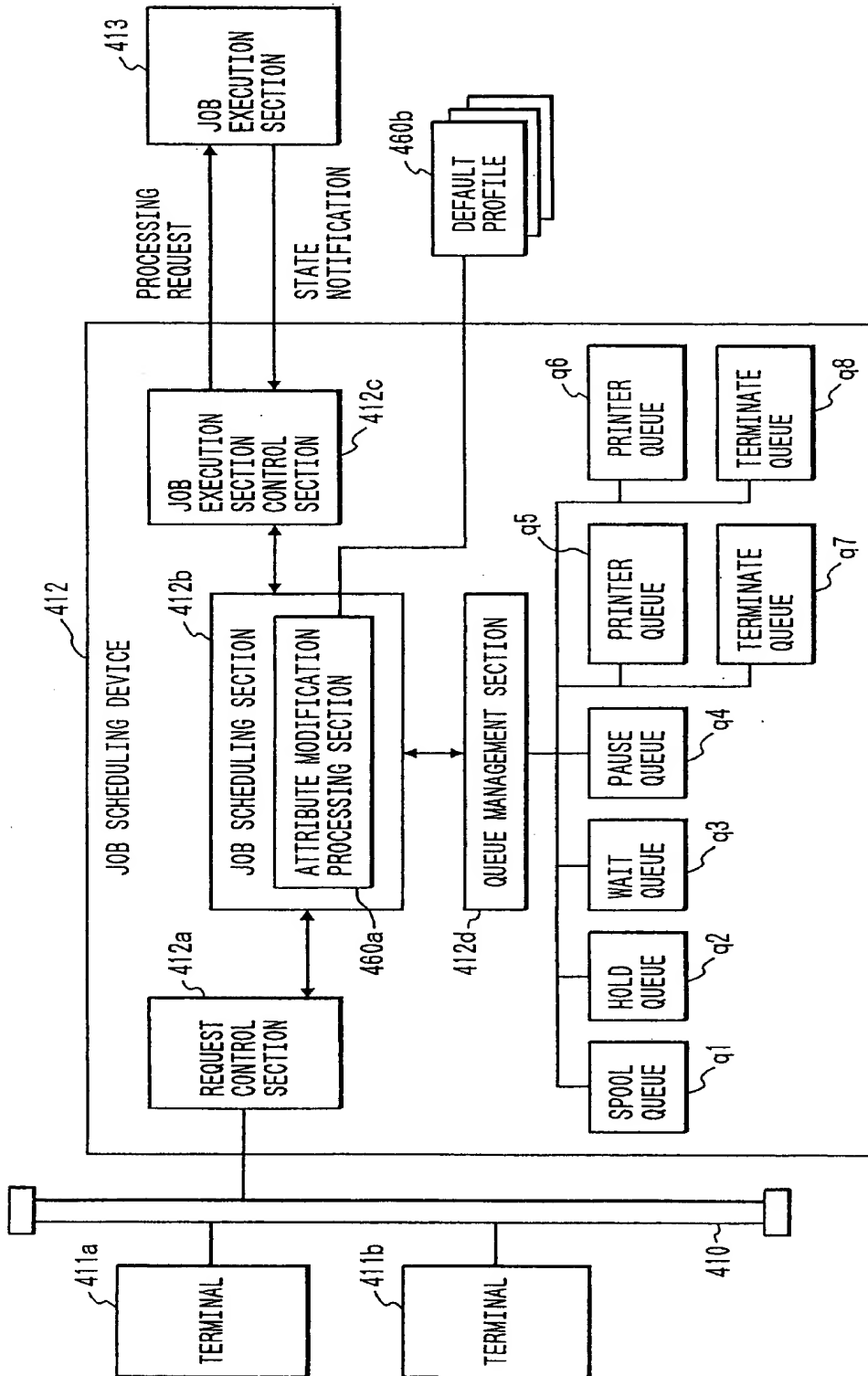


FIG. 50a

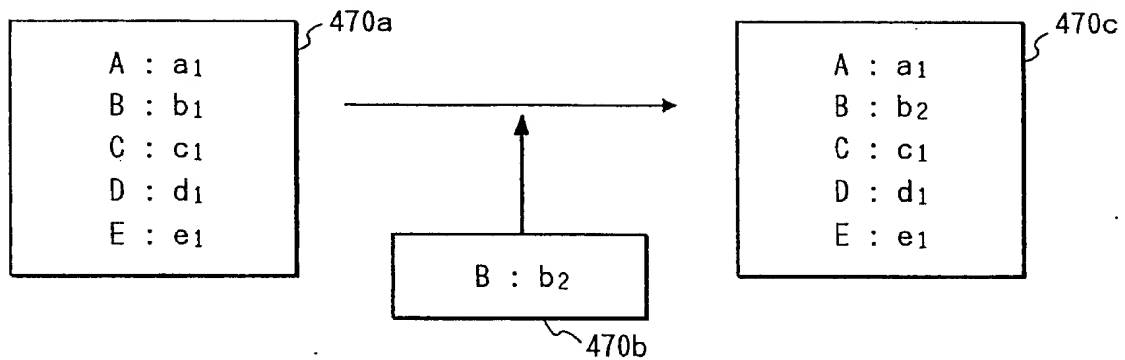


FIG. 50b

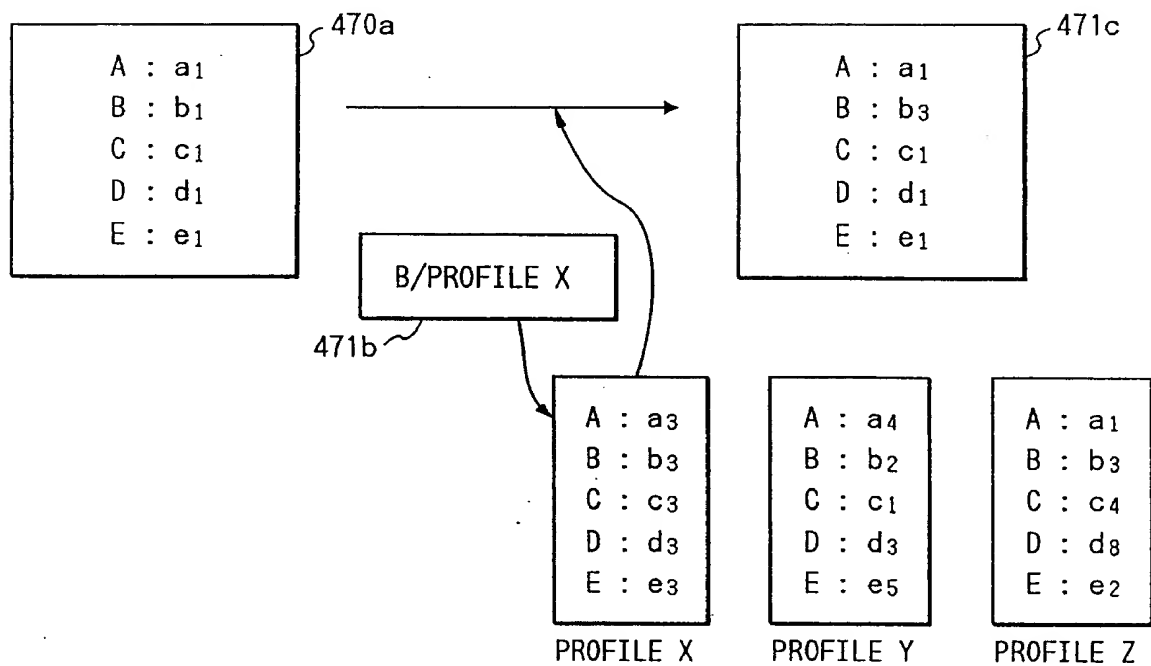


FIG. 51

